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# APPENDIX No. 1.

# MERCHANT SHIPPING.

The total number of vessels remaining on the register books of the Dominion on the 31st December, 1904, including old and new vessels, sailing vessels, steamers and barges, was 7,152, measuring 682,838 tons register tonnage, being an increase of 132 vessels, and a decrease of 309 tons register, as compared with 1903. The number of steamers on the registry books on the same date was 2,543, with a gross tonnage of 353,514 tons. Assuming the average value to be $30 per ton, the value of the registered tonnage of Canada, on the 31st December last, would be $20,485,140.

The number of new vessels built and registered in the Dominion of Canada during the last year was 308, measuring 18,554 tons register tonnage. Estimating the value of the new tonnage at $45 per ton, it gives a total value of $834,930 for new vessels.

A statement follows, showing the number of vessels and number of tons on the register books at the different ports of registry in the Dominion, on the 31st December last, along with a comparative statement of the tonnage from 1874 to 1904. A statement is also published of the number of vessels built and registered in the Dominion during the last year, and a comparative statement of the number of new vessels built and registered from 1874 to 1904, both inclusive. A comparative statement is also given of the tonnage of the Maritime States of the world.

STATEMENT showing the number of Vessels and number of Tons on the Registry Books of the Dominion of Canada, on the 31st December, 1904.

PROVINCE OF NEW BRUNSWICK.

| Name of Port. | Total Number of Sailing Ships and Steamers. | Number of Steamers. | Gross Tonnage of Steamers. | Total Net Tonnage of Sailing Ships and Steamers. |
|---|---|---|---|---|
| Chatham | 355 | 47 | 2,185 | 7,458 |
| Dorchester | 5 | ..... | ..... | 1,661 |
| Moncton | 14 | 1 | 20 | 1,590 |
| Richibucto | 19 | 4 | 129 | 1,966 |
| Sackville | 12 | 3 | 65 | 660 |
| St. Andrews | 167 | 7 | 590 | 3,558 |
| St. John | 361 | 76 | 9,444 | 37,962 |
| Total | 933 | 138 | 12,433 | 54,855 |

STATEMENT showing the number of Vessels and number of Tons on the Registry Books, &c.—*Continued.*

PROVINCE OF NOVA SCOTIA.

| Name of Port. | Total Number of Sailing Ships and Steamers. | Number of Steamers. | Gross Tonnage of Steamers. | Total Net Tonnage of Sailing Ships and Steamers. |
|---|---|---|---|---|
| Amherst | 3 | ..... | ..... | 71 |
| Annapolis | 49 | 1 | 32 | 6,103 |
| Arichat | 117 | 2 | 71 | 3,586 |
| Barrington | 59 | 3 | 135 | 1,743 |
| Canso | 30 | ..... | ..... | 643 |
| Digby | 126 | 4 | 128 | 4,786 |
| Guysboro' | 16 | ..... | ..... | 630 |
| Halifax | 426 | 73 | 8,297 | 19,475 |
| Liverpool | 90 | 5 | 369 | 8,698 |
| Lunenburg | 318 | 9 | 902 | 32,833 |
| Maitland | 24 | 1 | 88 | 12,940 |
| Parrsboro' | 126 | 5 | 568 | 30,631 |
| Pictou | 59 | 20 | 2,718 | 6,051 |
| Port Hawkesbury | 72 | 3 | 131 | 2,103 |
| Port Medway | 21 | 1 | 138 | 1,854 |
| Shelburne | 86 | 4 | 94 | 4,845 |
| Sydney | 101 | 20 | 1,718 | 6,588 |
| Truro | 1 | ..... | ..... | 124 |
| Weymouth | 34 | ..... | ..... | 2,978 |
| Windsor | 107 | 14 | 1,911 | 46,432 |
| Yarmouth | 201 | 28 | 4,738 | 18,858 |
| Total | 2,066 | 193 | 22,038 | 211,972 |

PROVINCE OF QUEBEC.

| | | | | |
|---|---|---|---|---|
| Amherst (Magdalen Islands) | 12 | ..... | ..... | 429 |
| Gaspé | 28 | ..... | ..... | 1,230 |
| Montreal | 599 | 227 | 66,507 | 97,689 |
| Paspebiac | 14 | 3 | 88 | 1,090 |
| Quebec | 634 | 154 | 20,938 | 39,901 |
| Sorel | ..... | ..... | ..... | ..... |
| Total | 1,287 | 384 | 87,533 | 140,339 |

PROVINCE OF ONTARIO.

| | | | | |
|---|---|---|---|---|
| Amherstburg | 13 | 8 | 244 | 303 |
| Belleville | 16 | 13 | 306 | 458 |
| Bowmanville | 2 | ..... | ..... | 282 |
| Brockville | 24 | 23 | 521 | 327 |
| Chatham | 21 | 14 | 489 | 634 |
| Cobourg | 6 | 1 | 23 | 758 |
| Collingwood | 77 | 74 | 10,206 | 7,338 |
| Cornwall | 2 | 2 | 46 | 32 |
| Deseronto | 17 | 11 | 1,203 | 1,463 |
| Dunnville | 1 | ..... | ..... | 57 |
| Fort William | ..... | ..... | ..... | ..... |
| Goderich | 45 | 36 | 2,455 | 2,379 |
| Hamilton | 52 | 44 | 7,203 | 5,644 |
| Kingston | 195 | 109 | 12,541 | 24,716 |
| Lindsay | 52 | 32 | 869 | 1,862 |
| Midland | 2 | 2 | 3,972 | 2,455 |
| Napanee | 1 | ..... | ..... | 122 |
| Oakville | 1 | ..... | ..... | 26 |
| Ottawa | 407 | 225 | 27,723 | 32,967 |
| Owen Sound | 45 | 40 | 5,095 | 4,625 |
| Peterborough | 43 | 39 | 1,152 | 1,015 |
| Picton | 20 | 12 | 2,892 | 3,100 |

**STATEMENT showing the number of Vessels and number of Tons on the Registry Books, &c.—*Concluded.***

PROVINCE OF ONTARIO—*Concluded.*

| Name of Port. | Total Number of Sailing Ships and Steamers. | Number of Steamers. | Gross Tonnage of Steamers. | Total Net Tonnage of Sailing Ships and Steamers. |
|---|---|---|---|---|
| Port Arthur | 37 | 27 | 3,780 | 4,266 |
| Port Burwell | 6 | 5 | 59 | 99 |
| Port Dover | 13 | 8 | 235 | 616 |
| Port Hope | 47 | 28 | 1,956 | 3,979 |
| Port Stanley | 8 | 8 | 1,346 | 840 |
| Prescott | 40 | 18 | 1,249 | 6,880 |
| Rat Portage | 43 | 41 | 1,515 | 1,071 |
| Sarnia | 45 | 35 | 10,496 | 8,832 |
| Southampton | 14 | 12 | 593 | 607 |
| Sault Ste. Marie | 46 | 39 | 2,725 | 6,991 |
| St. Catharines | 97 | 62 | 4,680 | 10,871 |
| Simcoe | 5 | 2 | 35 | 271 |
| Toronto | 350 | 271 | 37,030 | 30,813 |
| Wallaceburg | 33 | 19 | 1,328 | 2,528 |
| Whitby | 3 | .... | ..... | 514 |
| Windsor | 57 | 28 | 7,371 | 6,689 |
| Total | 1,886 | 1,288 | 151,338 | 176,430 |

PROVINCE OF PRINCE EDWARD ISLAND.

| | | | | |
|---|---|---|---|---|
| Charlottetown | 161 | 16 | 2,908 | 12,200 |

PROVINCE OF BRITISH COLUMBIA.

| | | | | |
|---|---|---|---|---|
| New Westminster | 160 | 94 | 7,154 | 9,942 |
| Vancouver | 262 | 184 | 18,376 | 19,965 |
| Victoria | 244 | 136 | 41,171 | 47,198 |
| Total | 666 | 414 | 66,701 | 77,105 |

PROVINCE OF MANITOBA.

| | | | | |
|---|---|---|---|---|
| Winnipeg | 141 | 99 | 7,359 | 7,765 |

YUKON DISTRICT.

| | | | | |
|---|---|---|---|---|
| Dawson | 12 | 11 | 3,204 | 2,172 |

SUMMARY.

| | | | | |
|---|---|---|---|---|
| New Brunswick | 933 | 138 | 12,433 | 54,855 |
| Nova Scotia | 2,066 | 193 | 22,038 | 211,972 |
| Quebec | 1,287 | 384 | 87,533 | 140,339 |
| Ontario | 1,886 | 1,288 | 151,338 | 176,430 |
| P. E. Island | 161 | 16 | 2,908 | 12,200 |
| British Columbia | 666 | 414 | 66,701 | 77,105 |
| Manitoba | 141 | 99 | 7,359 | 7,765 |
| Yukon District | 12 | 11 | 3,204 | 2,172 |
| **Grand Total** | 7,152 | 2,543 | 353,514 | 682,838 |

**Comparative Statement** showing the number of Vessels and number of Tons on the Registry Books of the Dominion of Canada, on the 31st December, in each Year, from 1874 to 1904, both inclusive.

| Provinces. | 1874. | | 1875. | | 1876. | | 1877. | | 1878. | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Vessels. | Tons. | Vessels. | Tons. | Vessels | Tons. | Vessels. | Tons. | Vessels. | Tons. |
| New Brunswick | 1,144 | 294,741 | 1,133 | 307,926 | 1,154 | 324,513 | 1,133 | 329,457 | 1,142 | 335,965 |
| Nova Scotia... | 2,787 | 479,669 | 2,786 | 505,144 | 2,867 | 529,252 | 2,961 | 541,579 | 3,003 | 553,368 |
| Quebec..... | 1,837 | 218,946 | 1,831 | 222,965 | 1,902 | 228,502 | 1,951 | 248,399 | 1,676 | 248,349 |
| Ontario..... | 815 | 113,008 | 825 | 114,990 | 889 | 123,947 | 926 | 131,761 | 958 | 135,440 |
| P. E. Island... | 312 | 48,388 | 335 | 50,677 | 338 | 50,692 | 342 | 55,547 | 322 | 54,250 |
| B. Columbia... | 35 | 3,611 | 40 | 3,685 | 40 | 3,809 | 43 | 3,479 | 51 | 4,482 |
| Manitoba..... | ..... | ..... | 2 | 178 | 2 | 178 | 6 | 246 | 17 | 1,161 |
| Total..... | 6,930 | 1,158,363 | 6,952 | 1,205,565 | 7,192 | 1,260,893 | 7,362 | 1,310,468 | 7,169 | 1,333,015 |

| | 1879. | | 1880. | | 1881. | | 1882. | | 1883. | |
|---|---|---|---|---|---|---|---|---|---|---|
| New Brunswick | 1,135 | 340,491 | 1,097 | 336,976 | 1,087 | 333,215 | 1,065 | 308,980 | 1,107 | 315,906 |
| Nova Scotia... | 2,975 | 552,159 | 2,977 | 550,448 | 3,025 | 558,911 | 3,026 | 546,778 | 3,037 | 541,715 |
| Quebec..... | 1,975 | 246,025 | 1,889 | 233,341 | 1,830 | 224,936 | 1,754 | 215,804 | 1,739 | 216,577 |
| Ontario..... | 1,006 | 136,987 | 1,042 | 137,481 | 1,081 | 139,998 | 1,112 | 137,061 | 1,133 | 140,972 |
| P. E. Island... | 298 | 49,807 | 288 | 45,931 | 273 | 45,410 | 248 | 41,684 | 241 | 49,446 |
| B. Columbia... | 60 | 4,701 | 63 | 5,049 | 74 | 6,296 | 84 | 7,687 | 94 | 9,046 |
| Manitoba..... | 22 | 1,924 | 21 | 1,992 | 24 | 2,130 | 23 | 2,783 | 24 | 2,778 |
| Total..... | 7,471 | 1,332,094 | 7,377 | 1,311,218 | 7,394 | 1,310,896 | 7,312 | 1,260,777 | 7,375 | 1,276,440 |

| | 1884. | | 1885. | | 1886. | | 1887. | | 1888. | |
|---|---|---|---|---|---|---|---|---|---|---|
| New Brunswick | 1,096 | 308,132 | 1,060 | 288,589 | 1,042 | 269,224 | 1,027 | 255,126 | 1,009 | 239,332 |
| Nova Scotia... | 2,942 | 544,048 | 2,988 | 541,832 | 2,929 | 526,921 | 2,845 | 498,873 | 2,851 | 485,709 |
| Quebec..... | 1,628 | 202,842 | 1,631 | 203,635 | 1,650 | 232,556 | 1,586 | 189,064 | 1,498 | 178,520 |
| Ontario..... | 1,184 | 142,387 | 1,223 | 144,487 | 1,248 | 140,929 | 1,275 | 139,548 | 1,330 | 139,502 |
| P. E. Island... | 234 | 39,213 | 227 | 36,040 | 225 | 30,658 | 225 | 29,031 | 218 | 26,586 |
| B. Columbia... | 116 | 11,403 | 123 | 11,834 | 134 | 11,900 | 149 | 12,789 | 167 | 14,249 |
| Manitoba..... | 55 | 5,722 | 63 | 5,439 | 65 | 5,578 | 71 | 5,871 | 69 | 5,744 |
| Total..... | 7,255 | 1,253,747 | 7,315 | 1,231,856 | 7,293 | 1,217,766 | 7,178 | 1,130,307 | 7,142 | 1,089,642 |

| | 1889. | | 1890 | | 1891. | | 1892. | | 1893. | |
|---|---|---|---|---|---|---|---|---|---|---|
| New Brunswick | 1,013 | 218,873 | 981 | 209,460 | 969 | 193,193 | 946 | 181,779 | 1,010 | 156,086 |
| Nova Scotia... | 2,855 | 464,431 | 2,793 | 464,194 | 2,778 | 461,758 | 2,731 | 425,690 | 2,715 | 396,263 |
| Quebec..... | 1,455 | 168,500 | 1,399 | 164,003 | 1,404 | 162,330 | 1,408 | 162,638 | 1,426 | 161,121 |
| Ontario..... | 1,352 | 141,839 | 1,312 | 138,738 | 1,345 | 138,914 | 1,347 | 141,750 | 1,370 | 146,665 |
| P. E. Island... | 224 | 25,506 | 231 | 26,080 | 195 | 23,316 | 196 | 22,706 | 188 | 20,970 |
| B. Columbia... | 176 | 15,241 | 196 | 16,024 | 246 | 19,767 | 298 | 23,448 | 315 | 24,900 |
| Manitoba..... | 77 | 6,091 | 79 | 6,475 | 78 | 6,197 | 81 | 6,118 | 89 | 6,534 |
| Total..... | 7,152 | 1,040,481 | 6,991 | 1,024,974 | 7,015 | 1,005,475 | 7,007 | 964,129 | 7,113 | 912,539 |

COMPARATIVE STATEMENT showing the number of Vessels and number of tons on the Registry Books of the Dominion of Canada, &c.—*Concluded.*

| Provinces. | 1894. | | 1895. | | 1896. | | 1897. | | 1898. | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. |
| New Brunswick | 1,003 | 136,257 | 975 | 122,417 | 964 | 115,506 | 923 | 103,584 | 903 | 89,257 |
| Nova Scotia.... | 2,710 | 371,432 | 2,683 | 343,356 | 2,669 | 317,526 | 2,204 | 283,056 | 2,167 | 262,176 |
| Quebec ..... | 1,427 | 160,590 | 1,454 | 158,776 | 1,469 | 158,649 | 1,480 | 158,077 | 1,378 | 144,447 |
| Ontario..... | 1,480 | 148,525 | 1,508 | 148,609 | 1,525 | 146,522 | 1,424 | 135,349 | 1,452 | 134,180 |
| P. E. Island... | 191 | 19,650 | 190 | 19,323 | 174 | 16,540 | 174 | 15,812 | 178 | 15,979 |
| B. Columbia .. | 336 | 26,455 | 346 | 25,988 | 363 | 26,622 | 364 | 28,604 | 444 | 40,304 |
| Manitoba..... | 98 | 6,715 | 106 | 7.307 | 115 | 7,934 | 115 | 7,272 | 121 | 7,439 |
| Total..... | 7,245 | 869,624 | 7,262 | 825,776 | 7,279 | 789,299 | 6,684 | 731,754 | 6,643 | 698,782 |

| | 1899. | | 1900. | | 1901. | | 1902. | | 1903. | |
|---|---|---|---|---|---|---|---|---|---|---|
| New Brunswick | 920 | 86,288 | 927 | 78,708 | 915 | 75,293 | 917 | 64,605 | 929 | 59,508 |
| Nova Scotia.... | 2,121 | 243,457 | 2,121 | 226,817 | 1,980 | 214,560 | 2,037 | 212,967 | 2,069 | 216,053 |
| Quebec..... | 1,375 | 144,586 | 1,247 | 138,136 | 1,265 | 142,664 | 1,288 | 136,660 | 1,288 | 138,570 |
| Ontario..... | 1,488 | 135,234 | 1,610 | 141,112 | 1,635 | 145,227 | 1,699 | 156,449 | 1,778 | 169,086 |
| P. E. Island... | 171 | 14,660 | 176 | 14,251 | 180 | 14,729 | 156 | 13,464 | 164 | 13,739 |
| B. Columbia .. | 488 | 44,415 | 515 | 51,095 | 676 | 62,102 | 584 | 58,292 | 639 | 76,215 |
| Manitoba..... | 126 | 9,108 | 128 | 7,147 | 130 | 7,445 | 139 | 7,536 | 139 | 7,695 |
| Yukon District | 9 | 1,604 | 11 | 2,268 | 11 | 2,463 | 16 | 2,640 | 14 | 2,281 |
| Total..... | 6,698 | 679,352 | 6,735 | 659,534 | 6,792 | 664,483 | 6,836 | 652,613 | 7,020 | 683,147 |

| | 1904. | |
|---|---|---|
| New Brunswick..... | 933 | 54,855 |
| Nova Scotia..... | 2,066 | 211,972 |
| Quebec ..... | 1,287 | 140,339 |
| Ontario ..... | 1,886 | 176,430 |
| P. E. Island..... | 161 | 12,200 |
| B. Columbia ..... | 666 | 77,105 |
| Manitoba ..... | 141 | 7,765 |
| Yukon District ..... | 12 | 2,172 |
| Total ..... | 7,152 | 682,838 |

LIST of Ports at which Vessels may be Registered, showing the number of New Vessels Built and Registered in the Dominion of Canada, during the Year ended December 31, 1904.

| Name of Port. | Total Number of Sailing Ships and Steamers. | Total Net Tonnage of Sailing Ships and Steamers. |
|---|---|---|
| **PROVINCE OF NOVA SCOTIA.** | | |
| Amherst | Nil. | Nil. |
| Annapolis Royal | 2 | 645 |
| Arichat | 11 | 208 |
| Barrington | 10 | 211 |
| Canso | Nil. | Nil. |
| Digby | 5 | 104 |
| Guysboro' | Nil. | Nil. |
| Halifax | 15 | 511 |
| Liverpool | 6 | 654 |
| Lunenburg | 16 | 1,259 |
| Maitland | Nil. | Nil. |
| Parrsboro' | 1 | 100 |
| Pictou | 3 | 332 |
| Port Hawkesbury | 1 | 14 |
| Port Medway | Nil. | Nil. |
| Shelburne | 6 | 327 |
| Sydney | 3 | 161 |
| Truro | Nil. | Nil. |
| Weymouth | 4 | 576 |
| Windsor | 2 | 540 |
| Yarmouth | 14 | 351 |
| Total | 99 | 5,993 |
| **PROVINCE OF PRINCE EDWARD ISLAND.** | | |
| Charlottetown | 2 | 185 |
| **PROVINCE OF BRITISH COLUMBIA.** | | |
| New Westminster | 4 | 286 |
| Vancouver | 27 | 1,308 |
| Victoria | 17 | 768 |
| Total | 48 | 2,362 |
| **PROVINCE OF MANITOBA.** | | |
| Winnipeg | 9 | 338 |
| **YUKON DISTRICT.** | | |
| Dawson City | Nil. | Nil. |
| **PROVINCE OF ONTARIO.** | | |
| Amherstburg | Nil. | Nil. |
| Belleville | Nil. | Nil. |
| Bowmanville | Nil. | Nil. |
| Brockville | Nil. | Nil. |
| Chatham | Nil. | Nil. |
| Cobourg | Nil. | Nil. |
| Collingwood | 6 | 230 |
| Cornwall | Nil. | Nil. |
| Deseronto | Nil. | Nil. |
| Dunnville | Nil. | Nil. |
| Fort William | Nil. | Nil. |
| Goderich | 1 | 28 |
| Hamilton | Nil. | Nil. |
| Kingston | 11 | 76 |
| Lindsay | Nil. | Nil. |
| Midland | 1 | 5 |
| Napanee | Nil. | Nil. |
| Oakville | Nil. | Nil. |
| Ottawa | 30 | 1,844 |
| Owen Sound | 2 | 18 |
| Peterborough | 4 | 219 |
| Picton | 1 | 5 |
| Port Arthur | Nil. | Nil. |
| Port Burwell | 1 | 9 |
| Port Dover | Nil. | Nil. |
| Port Hope | Nil. | Nil. |
| Port Stanley | Nil. | Nil. |
| Prescott | Nil. | Nil. |
| Rat Portage | 23 | 545 |
| Sarnia | 1 | 33 |
| Southampton | Nil. | Nil. |
| Sault Ste. Marie | 4 | 419 |
| St. Catharines | Nil. | Nil. |
| Simcoe | Nil. | Nil. |
| Toronto | 19 | 1,731 |
| Wallaceburg | 1 | 5 |
| Whitby | Nil. | Nil. |
| Windsor | Nil. | Nil. |
| Total | 105 | 5,167 |
| **PROVINCE OF QUEBEC.** | | |
| Amherst (Magdalen Islands) | Nil. | Nil. |
| Gaspé | Nil. | Nil. |
| Montreal | 6 | 2,607 |
| Paspebiac | Nil. | Nil. |
| Quebec | 14 | 596 |
| Sorel | Nil. | Nil. |
| Total | 20 | 3,203 |

LIST of Ports at which Vessels may be Registered, showing the number of new Vessels built and registered, &c.—*Concluded.*

| Name of Port. | Total Number of Sailing Ships and Steamers. | Total Net Tonnage of Sailing Ships and Steamers. |
|---|---|---|
| PROVINCE OF NEW BRUNSWICK. | | |
| Chatham | 11 | 156 |
| Dorchester | Nil. | Nil. |
| Moncton | Nil. | Nil. |
| Richibucto | Nil. | Nil. |
| Sackville | Nil. | Nil. |
| St. Andrews | 9 | 145 |
| St. John | 5 | 1,005 |
| Total | 25 | 1,306 |

| Name of Port. | Total Number of Sailing Ships and Steamers. | Total Net Tonnage of Sailing Ships and Steamers. |
|---|---|---|
| SUMMARY. | | |
| New Brunswick | 25 | 1,306 |
| Nova Scotia | 99 | 5,993 |
| Quebec | 20 | 3,203 |
| Ontario | 105 | 5,167 |
| Prince Edward Island | 2 | 185 |
| British Columbia | 48 | 2,362 |
| Manitoba | 9 | 338 |
| Yukon District | Nil. | Nil. |
| Total | 308 | 18,554 |

COMPARATIVE STATEMENT of New Vessels Built and Registered in the Dominion 1904, both

| Provinces. | 1874. | | 1875. | | 1876. | | 1877. | | 1878. | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. |
| New Brunswick | 90 | 42,027 | 65 | 33,483 | 61 | 31,040 | 54 | 31,158 | 56 | 27,368 |
| Nova Scotia | 175 | 84,480 | 177 | 67,106 | 194 | 58,771 | 219 | 47,980 | 166 | 49,784 |
| Quebec | 73 | 20,796 | 103 | 22,825 | 51 | 17,800 | 62 | 19,253 | 46 | 10,870 |
| Ontario | 50 | 10,797 | 53 | 7,760 | 47 | 5,397 | 28 | 3,316 | 30 | 2,409 |
| Prince Edward Island | 88 | 24,634 | 83 | 19,838 | 62 | 14,571 | 62 | 17,026 | 38 | 10,382 |
| British Columbia | 5 | 276 | .... | ..... | 1 | 121 | 2 | 204 | 2 | 45 |
| Manitoba | ... | ..... | ..... | ..... | ..... | ..... | 3 | 48 | 1 | 15 |
| | 481 | 183,010 | 481 | 151,012 | 416 | 127,700 | 430 | 118,985 | 339 | 100,873 |
| Add new vessels built in Canada which proceeded to the United Kingdom under a Governor's pass without being registered | 6 | 7,746 | ..... | ..... | 3 | 2,721 | 2 | 1,943 | 1 | 663 |
| Add new vessels which left Quebec for registration in Germany | .... | ..... | ..... | ..... | 1 | 480 | .... | ..... | ..... | ..... |
| Total | 487 | 190,756 | 481 | 151,012 | 420 | 130,901 | 432 | 120,928 | 340 | 101,536 |

| Provinces. | 1886. | | 1887. | | 1888. | | 1889. | | 1890. | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. |
| New Brunswick | 34 | 4,931 | 18 | 2,909 | 32 | 2,530 | 50 | 4,792 | 35 | 5,572 |
| Nova Scotia | 93 | 20,948 | 87 | 12,310 | 116 | 12,965 | 126 | 19,645 | 150 | 33,907 |
| Quebec | 27 | 2,683 | 28 | 2,888 | 23 | 2,669 | 27 | 3,759 | 25 | 4,880 |
| Ontario | 52 | 2,075 | 66 | 2,993 | 62 | 5,095 | 45 | 3,259 | 41 | 4,917 |
| Prince Edward Island | 12 | 1,318 | 7 | 601 | 12 | 1,412 | 12 | 1,503 | 12 | 2,008 |
| British Columbia | 8 | 154 | 9 | 376 | 18 | 448 | 12 | 840 | 15 | 876 |
| Manitoba | 3 | 98 | 8 | 439 | 1 | 11 | 8 | 548 | 7 | 218 |
| Total | 229 | 32,207 | 223 | 22,516 | 264 | 25 130 | 280 | 34,346 | 285 | 52,378 |

| Provinces. | 1898. | | 1899. | | 1900. | | 1901. | | 1902. | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. |
| New Brunswick | 31 | 790 | 31 | 798 | 22 | 762 | 25 | 1,141 | 23 | 1,055 |
| Nova Scotia | 67 | 4,962 | 92 | 7,594 | 117 | 9,416 | 133 | 14,660 | 140 | 14,827 |
| Quebec | 51 | 4,139 | 35 | 5,943 | 50 | 4,301 | 43 | 7,421 | 16 | 1,990 |
| Ontario | 46 | 1,872 | 52 | 3,419 | 58 | 3,734 | 62 | 2,665 | 60 | 8,791 |
| Prince Edward Island | 5 | 372 | 3 | 56 | 3 | 106 | 6 | 589 | 8 | 530 |
| British Columbia | 72 | 12,228 | 51 | 2,734 | 43 | 3,837 | 62 | 7,728 | 36 | 2,550 |
| Manitoba | 6 | 159 | 13 | 554 | 3 | 109 | 3 | 112 | 10 | 137 |
| Yukon District | .... | .... | .... | ..... | 1 | 61 | 1 | 165 | 3 | 336 |
| Total | 278 | 24,522 | 277 | 21,098 | 297 | 22,326 | 335 | 34,481 | 296 | 30,216 |

of Canada during the Year ended December 31, in each Year, from 1875 to inclusive.

| 1879. | | 1880. | | 1881. | | 1882. | | 1883. | | 1884. | | 1885. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. | Vessels | Tons. | Vessels. | Tons. | Vessels. | Tons. |
| 43 | 19,067 | 63 | 18,896 | 57 | 18,259 | 66 | 16,820 | 72 | 21,103 | 46 | 12,888 | 34 | 7,736 |
| 126 | 39,208 | 126 | 31,257 | 150 | 40,465 | 117 | 26,711 | 202 | 35,765 | 178 | 42,032 | 102 | 24,703 |
| 29 | 7,421 | 33 | 8,219 | 56 | 5,673 | 26 | 6,785 | 42 | 6,594 | 32 | 3,815 | 29 | 4,556 |
| 42 | 2,464 | 44 | 3,610 | 54 | 5,111 | 55 | 4,369 | 34 | 4,311 | 58 | 4,446 | 45 | 4,509 |
| 20 | 5,279 | 21 | 3,359 | 15 | 4,351 | 15 | 3,508 | 17 | 5,343 | 21 | 5,189 | 11 | 1,707 |
| 5 | 788 | ..... | ..... | 2 | 85 | 8 | 1,631 | 5 | 849 | 15 | 675 | 6 | 648 |
| ..... | ..... | 1 | 100 | 3 | 116 | 1 | 289 | 2 | 125 | 37 | 3,366 | 13 | 320 |
| 265 | 74,227 | 288 | 65,441 | 337 | 74,060 | 288 | 60,113 | 374 | 74,090 | 387 | 72,411 | 240 | 44,179 |
| ..... | ..... | ..... | ..... | ..... | ..... | 1 | 1,029 | ..... | ..... | ..... | ..... | ..... | ..... |
| ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 265 | 74,227 | 288 | 65,441 | 337 | 74,060 | 289 | 61,142 | 374 | 74,090 | 387 | 72,411 | 240 | 44,179 |

| 1891. | | 1892. | | 1893. | | 1894. | | 1895. | | 1896. | | 1897. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. |
| 43 | 6,269 | 21 | 1,873 | 119 | 2,819 | 40 | 2,534 | 27 | 714 | 24 | 627 | 33 | 1,738 |
| 130 | 35,528 | 105 | 16,446 | 111 | 15,089 | 128 | 8,721 | 89 | 4,762 | 97 | 7,704 | 54 | 4,259 |
| 46 | 4,200 | 34 | 2,620 | 53 | 4,220 | 55 | 4,412 | 49 | 4,335 | 36 | 3,969 | 49 | 4,227 |
| 44 | 2,662 | 34 | 3,634 | 49 | 4,126 | 64 | 3,137 | 52 | 3,732 | 38 | 1,757 | 50 | 3,850 |
| 5 | 1,000 | 9 | 967 | 3 | 634 | 3 | 183 | 1 | 196 | 3 | 111 | 3 | 226 |
| 41 | 2,364 | 46 | 2,887 | 19 | 944 | 25 | 1,900 | 18 | 1,709 | 22 | 1,466 | 26 | 2,429 |
| 3 | 122 | 6 | 296 | 8 | 608 | 11 | 356 | 14 | 822 | 7 | 512 | 16 | 365 |
| 312 | 52,145 | 255 | 28,773 | 362 | 28,440 | 326 | 21,243 | 250 | 16,270 | 227 | 16,146 | 231 | 17,094 |

| 1903. | | 1904. | | — | | — | | — | | — | | — | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. |
| 24 | 1,708 | 25 | 1,306 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 135 | 12,907 | 99 | 5,993 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 31 | 1,076 | 20 | 3,203 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 71 | 10,719 | 105 | 5,167 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 6 | 171 | 2 | 185 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 56 | 3,494 | 48 | 2,362 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 5 | 248 | 9 | 338 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Nil. | Nil. | Nil. | Nil. | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 328 | 30,323 | 308 | 18,554 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |

STATEMENT showing the Tonnage of each of the Maritime States of the World, compiled from the Réportoire Géneral for 1904-1905.

| Nationality. | Steamers. | Gross Tonnage of Steamers. | Net Tonnage of Steamers. | Sailing Vessels. | Net Tonnage of Sailing Vessels. | Total Net Tonnage. |
|---|---|---|---|---|---|---|
| British, including Canada and the Colonies | 8,406 | 14,889,175 | 9,135,228 | 6,997 | 2,090,193 | 11,225,421 |
| American | 901 | 1,720,176 | 1,165,268 | 3,671 | 1,471,013 | 2,636,281 |
| German | 1,479 | 2,887,130 | 1,782,333 | 1,226 | 516,569 | 2,298,902 |
| Norwegian | 1,037 | 1,030,637 | 638,396 | 1,717 | 751,756 | 1,390,062 |
| French | 835 | 1,266,486 | 636,506 | 1,819 | 507,155 | 1,143,661 |
| Italian | 379 | 735,212 | 457,473 | 1,571 | 524,645 | 982,118 |
| Canadian | ..... | ..... | ..... | ..... | ..... | ..... |
| Russian | 590 | 637,114 | 388,872 | 2,556 | 535,900 | 924,772 |
| Spanish | 456 | 713,775 | 453,678 | 546 | 87,359 | 541,037 |
| Swedish | 730 | 528,728 | 371,287 | 1,608 | 268,135 | 639,422 |
| Dutch | 392 | 631,600 | 378,863 | 679 | 90,963 | 469,826 |
| Danish | 408 | 511,310 | 310,761 | 969 | 128,595 | 439,356 |
| Grecian | 201 | 347,160 | 214,841 | 894 | 170,374 | 385,215 |
| Japanese | 556 | 645,978 | 403,043 | 1,596 | 184,865 | 587,908 |
| Turkish | 114 | 103,915 | 65,006 | 868 | 173,413 | 238,419 |
| Austrian | 266 | 555,482 | 345,684 | 106 | 19,676 | 365,360 |
| Brazilian | 202 | 136,214 | 86,419 | 347 | 76,312 | 162,731 |
| Chilian | 54 | 65,066 | 41,032 | 91 | 43,438 | 84,470 |
| Belgian | 126 | 154,093 | 101,880 | 11 | 2,138 | 104,018 |
| Portuguese | 40 | 48,180 | 30,328 | 273 | 56,565 | 86,893 |
| Argentine | 120 | 78,995 | 49,010 | 158 | 42,309 | 91,319 |
| Hawaiian | ..... | ..... | ..... | ..... | ..... | ..... |
| Peruvian | 3 | 4,792 | 3,200 | 36 | 24,662 | 27,862 |
| Chinese | 43 | 56,476 | 36,088 | 8 | 925 | 37,013 |
| Uruguay | 32 | 26,822 | 16,826 | 76 | 32,053 | 48,879 |
| Roumanian | 26 | 25,193 | 14,408 | 21 | 3,765 | 18,173 |
| Egyptian | 15 | 11,274 | 6,679 | 8 | 1,576 | 8,255 |
| Mexican | 30 | 17,800 | 10,709 | 32 | 10,564 | 21,273 |
| Nicaraguan | 2 | 783 | 420 | 13 | 8,097 | 8,517 |
| Guatemalan | ..... | ..... | ..... | 10 | 2,503 | 2,503 |
| Siamese | 7 | 3,177 | 1,775 | 9 | 2,772 | 4,547 |
| Venezuelan | 8 | 3,718 | 1,936 | 21 | 3,134 | 5,070 |
| Arabian | ..... | ..... | ..... | 3 | 2,484 | 2,484 |
| Haytian | 5 | 1,790 | 908 | 10 | 1,736 | 2,644 |
| Montenegrian | ..... | ..... | ..... | 20 | 4,728 | 4,728 |
| Colombian | 1 | 881 | 457 | 5 | 1,385 | 1,842 |
| Zanzibar | 1 | 350 | 235 | ..... | ..... | 235 |
| Persian | 2 | 1,328 | 885 | 1 | 107 | 992 |
| Bolivian | ..... | ..... | ..... | 1 | 606 | 606 |
| Bulgarian | 4 | 5,134 | 3,042 | 2 | 256 | 3,298 |
| San Domingo | ..... | ..... | ..... | 9 | 1,334 | 1,334 |
| Corean | 4 | 2,602 | 1,978 | ..... | ..... | 1,978 |
| Costa Rican | 3 | 1,120 | 671 | 2 | 551 | 1,222 |
| Sarawak | 3 | 2,152 | 1,357 | 1 | 347 | 1,704 |
| Liberian | ..... | ..... | ..... | 3 | 916 | 916 |
| Ecuador | ..... | ..... | ..... | 1 | 257 | 257 |
| Tunisian | ..... | ..... | ..... | 3 | 565 | 565 |
| San Salvador | ..... | ..... | ..... | 3 | 514 | 514 |
| Morocco | ..... | ..... | ..... | ..... | ..... | ..... |
| Servian | 1 | 264 | 102 | ..... | ..... | 102 |
| Honduras | 2 | 263 | 115 | 2 | 199 | 314 |
| Cuban | 43 | 41,581 | 26,869 | 124 | 12,260 | 39,129 |
| Unknown | 5 | 6,531 | 4,083 | 211 | 12,141 | 16,224 |
| Oriental Republic | ..... | ..... | ..... | ..... | ..... | ..... |
| Total | 11,532 | 27,900,457 | 17,188,561 | 28,338 | 7,871,810 | 25,060,371 |

LIST of vessels whose names have been changed by Order in Council, under Section 21 of Chapter 72 of the Revised Statutes of Canada, during the year ended December 31, 1904.

| Official Number. | Present Name of Vessel. | Port of Registry. | Former Name of Vessel. |
|---|---|---|---|
| 77,915 | Ahteek | Sault Ste. Marie | Albert Wright. |
| 100,626 | Angler | Port Dover | John A. Stabel. |
| ..... | Belleville | Montreal | Spartan. |
| 85,495 | C. A. Boone | Toronto | Severn. |
| 92,681 | Cardinal | Prescott | Mayflower. |
| 103,956 | Champlain | St. John, N.B | Queen. |
| 100,355 | Chicoutimi | Montreal | Saguenay. |
| 71,609 | Cornwall | " | Algerian. |
| 109,682 | Dack | Prescott | Dean. |
| 88,370 | Eva Marie | Victoria, B.C | Rainbow |
| 112,080 | Five Roses | Rat Portage, Ont | Edith. |
| 116,399 | James Reid | Sarnia | Protector. |
| 88,616 | LaHave Packet | Lunenburg | Za Za. |
| 103,703 | Mikado | Yarmouth | Westport. |
| 100,660 | Navajo | Kingston | King Ben. |
| ..... | Picton | Montreal | Corsican. |
| 107,900 | Prescott | " | Bohemian. |
| 107,349 | Prince Albert | Yarmouth | Messenger. |
| 116,268 | Rheata | Toronto | J. H. DeGraff. |
| ..... | St. Irenee | Montreal | Canada. |
| 90,807 | Shamrock | Vancouver, B.C | Mamie. |
| 51,689 | Skylark | Toronto | Sylvester Kneeland. |
| 112,267 | Tadousac | Montreal | Virginia. |
| 75,538 | Varennes | " | Cultivateur. |

DEPARTMENT OF MARINE AND FISHERIES,
OTTAWA, 1905.

F. GOURDEAU,
*Deputy Minister of Marine and Fisheries.*

# APPENDIX No. 2.

## TORONTO HARBOUR COMMISSIONERS' REPORT FOR THE YEAR ENDING 31ST DECEMBER, 1904.

### General Balance Sheet.

| | | | |
|---|---|---|---|
| Wharf Property | $43,073 72 | Balance to Credit of Profit and Loss | $60,542 53 |
| Office Furniture | 607 88 | | |
| Can. Per. Mort. Bonds | 14,000 00 | | |
| Cash in Bank of Toronto | 2,855 79 | | |
| Cash in Hand | 5 14 | | |
| | $60,542 53 | | $60,542 53 |

We have examined the books and vouchers and have compared the balance sheet with the said books and vouchers, and we certify the same to be correct and to represent a true statement of the affairs of the Trust at this date, 31st December, 1904.

Adopted and ordered to be printed by Board.

J. T. MATHEWS, *Chairman.*
JOHN H. G. HAGARTY,
F. S. SPENCE,
J. H. McGHIE,
DANIEL CHISHOLM,
*Commissioners.*

S. BRUCE HARMAN,
SYDNEY H. JONES,
*Auditors.*

COLIN W. POSTLETHWAITE,
*Harbour Master.*

### Profit and Loss.

| Dr. | | | Cr. |
|---|---|---|---|
| Solicitor's Account | $ 110 96 | Balance from Ledger | $55,645 18 |
| Tidy & Son, wreath | 10 00 | C. P. Railway Co | 4,000 00 |
| Verral & Co., cab fare | 2 75 | Harbour Dues | 6,756 69 |
| Written off Furniture Account | 60 00 | Interest on Bonds | 557 20 |
| Charges | 500 00 | Rent, Boathouse Sites | 5 00 |
| Salaries | 2,000 00 | | |
| Lights, Buoys and Beacons | 167 26 | | |
| General Repairs | 31 30 | | |
| Printing and Stationery | 45 50 | | |
| Dredging | 2,909 34 | | |
| Office Expense and Rent | 549 78 | | |
| Interest on Over-draft | 34 65 | | |
| Balance to Credit Profit and Loss | 60,542 53 | | |
| | $66,964 07 | | $66,964 07 |

Examined and found correct,

S. BRUCE HARMAN,
SYDNEY H. JONES,
*Auditors.*

Toronto, Jan. 3rd, 1905.

RECEIPTS AND EXPENSES.

| RECEIPTS. | | EXPENDITURE. | |
|---|---|---|---|
| Cash in Bank, January, 1904 | ..... | Overdraft, Jan. 1904 | $ 2,098 36 |
| Cash in Hand, January, 1904 | $ 9 94 | Insurance on Q. Wharf | 8 60 |
| Suit with Sand and Dredging | 247 51 | Solicitor's Fees | 110 96 |
| City of Toronto Account, Dredging | 1,009 06 | Funeral Expenses | 12 75 |
| Refund of Insurance | 8 60 | Commissioners' Fees, &c | 500 00 |
| C. P. Railway Rentals | 4,000 00 | Office Furniture | 8 00 |
| Polson Iron Works Account, Dredging | 73 96 | Salaries for Year | 2,000 00 |
| Rent, Boathouse sites at Don | 5 00 | Lights, Buoys and Beacons | 267 26 |
| City Waterworks | 100 00 | General Repairs | 31 30 |
| Interest on Deposits | 11 90 | Printing and Stationery | 45 50 |
| Harbour Dues for Year | 6,756 69 | Dredging | 4,239 90 |
| Interest on Debentures | 557 20 | Office Expenses and Rent | 549 78 |
| | | Interest on Overdraft | 46 55 |
| | | Cash in Bank of Toronto | 2,855 79 |
| | | Cash on Hand | 5 14 |
| | $12,779 89 | | $12,779 89 |

Examined and found correct.

S. BRUCE HARMAN,
SYDNEY H. JONES,
*Auditors.*

Toronto, Jan. 3rd, 1905.

COMPARATIVE STATEMENT.

Goods arrived at the port of Toronto by vessel for years 1903-4.

| DESCRIPTION OF GOODS. | | 1903. | 1904. |
|---|---|---|---|
| General Merchandise | tons | 29,800 | 31,603 |
| Coal, Hard and Soft | " | 171,787 | 171,503 |
| Wood | cords | 67 | ..... |
| Lake Stone | toise | 3,095 | 3,258 |
| Ice | tons | 13,595 | 5,264 |
| Fruit in Packages | brls | 769 | 5,065 |
| " | crates | 9,358 | 23,567 |
| " | baskets | 445,029 | 350,498 |
| " | bags | 224 | 986 |
| Paving and Fire Bricks | | 129,000 | 130,000 |
| Shingles | bundles | 641,000 | ..... |
| Grain | bushels | ..... | 3,500 |
| Horses and Carriages, &c | | 156 | 105 |
| Coal Oil in Bulk | brls | 18,626 | 10,141 |

## FIFTY-FOURTH ANNUAL REPORT.

*To the Commissioners of the Harbour of Toronto.*

GENTLEMEN,—I have the honour to submit my report for the year 1904.

The harbour was clear of ice on April 22nd, having been frozen for 130 days; this is the longest period of which I have any record, the winter being exceptionally long and severe. Solid ice formed again on December 11th, three days earlier than last year.

The first vessel to arrive was the schooner *Madeline*, Captain George Atkinson, on April 22nd, with a load of stone, he was given the historical hat. The last vessel to arrive was the schooner *H. M. Ballou*, Captain Alfred Thomas, also loaded with stone, on December 8th.

The number of vessels arriving at this port during the season was 3,398, being 234 more than for last year, while their registered tonnage shows an increase of 247,170 tons.

| | 1903. | 1904. | Increase. | Decrease. | Tonnage. 1903. | Tonnage. 1904. |
|---|---|---|---|---|---|---|
| Propellers, loaded..... | 469 | 446 | .. | 3 | 149,320 | 199,976 |
| " light..... | 74 | 95 | 1 | .. | | |
| Steamers, loaded..... | 1,988 | 2,349 | 361 | .. | 955,333 | 1,153,403 |
| " light..... | 2 | 4 | 2 | . | | |
| Sailing, loaded..... | 622 | 493 | .. | 129 | 60,636 | 59,080 |
| " light..... | 9 | 11 | 2 | .. | | |
| | 3,164 | 3,398 | 366 | 132 | 1,165,289 | 1,412,459 |

The year was commenced with a deficit of $2,098.36, for which an over-draft was secured from the Bank of Toronto, this deficit being occasioned by heavy repairs at the Queen's wharf during the previous summer.

The total cash receipts from all sources for the current year amount to $12,799.89. The total expenditure for same period is $9,918.96, leaving a cash balance of $2,860.93.

Coal receipts for the year are as follows, viz.: anthracite coal, 133,423 tons; bituminous coal, 38,080 tons; in all 171,503 tons, being 284 tons less than for last year.

The total quantity of coal imported into Toronto for the year by rail and vessel, as per returns from the Government, is as follows, viz.: anthracite, 565,136 tons, bituminous, 695,323 tons, in all 1,260,459 tons, being 162,808 tons more than in 1903.

High water in the lake this year caused a saving in the amount of dredging required, the cost of which was $4,239.90, or $2,212.84 less than for last year.

The fruit crop was a disappointment; the number of packages was 380,250, being 75,259 less than for 1903; the harbour dues thereon showing a corresponding decrease of $70.81.

The Dominion Government Transportation Committee met in this city during the summer, and reports and statements from this office were submitted. The river Don continues industriously to deposit material in the waters of the bay, and from recent soundings taken by the city engineer, it appears that in some parts of the eastern portion of the harbour there is less than two feet of water, altogether attributable to deposits from the Don. Application has been made to the Dominion Government for the diversion of this river, but it has been urged that this is a local matter and that the Don is not a navigable stream within the meaning of the Act. If this be so, I think the time has come for joint action on the part of the Harbour Commissioners and the City Council, towards diverting this stream, and I would venture to recommend that opinions with respect to the feasibility of this undertaking be obtained from the solicitors of the respective corporations. There are no engineering difficulties; are there any legal ones?

The highest water for the year was 36½ inches above zero, on the 12th of July; the lowest water was 8½ inches below zero on the 24th of January. The lake level has been fairly high all the season; the average for the year being 18 inches above zero, or 9 inches above the average of last year. The highest point touched, 36½ above zero, is the highest point recorded since 1890, when 37 inches above zero was reached on June 2nd.

The lamps at the Queen's wharf were lighted for the first time on April 13th, and they were discontinued on December 12th.

The harbour buoys were placed out on April 13th, and were taken up on November 28th. The spar buoys in the bay being allowed to remain until December 10th for the convenience of late arrivals.

There are 72 vessels wintering in the harbour, viz., 10 passenger steamers, 7 freight propellers, 13 schooners, 9 steam launches, 9 steam ferries, 4 steam tugs, 16 pleasure yachts and 4 dredges, in all representing about 11,919 tons register.

The steam fog-horn at the western end of the island was sounded on 45 days, viz., in April 5 times, in May 12 times, in June 13 times, in July 5 times, in August twice, in September 3 times, in October 3 times, and in November twice.

A syren has been erected at the eastern entrance, but I believe it has not yet been handed over to the Government.

The Government Engineer of the Public Works of Canada, Major Henry A. Gray, in charge of harbours and rivers, Ontario, reports as follows:—

'The sand bar, 500 feet south of eastern entrance piers, mentioned in last year's report, has increased during the past year, extending slightly more to the west, so that, except for high water prevailing during the past season, it would have been troublesome.

There was 14 feet navigation over the whole of the bar, except late in the fall, when, owing to the fall of water level, only a portion was available.

One thousand feet of sheet piling was constructed on channel side of East pier, northward from Lighthouse crib, protecting cribs which had been undermined.

The superstructure of East pier over above area of one thousand feet was rebuilt from low water level.

All of the above work was completed by middle of November.

The best depth of water in channel is in center.

Mr. A. B. Lee, who had represented the Dominion Government on the Harbour Trust since 1881, and who had been chairman of the Board of Harbour Commissioners for 22 consecutive years, died on June 22nd, this year. An emergent meeting of the board was called for June 25th, to enable the commissioners to attend the funeral in a body.

Mr. Alderman F. S. Spence was appointed Government representative in place of the late Mr. Lee, and at a meeting of the board held on Aug. 4th, Mr. James T. Mathews was elected chairman.

The precipitation for the year, as per information furnished by Mr. R. F. Stupart, Director of the Meteorological Observatory in Toronto, is as follows, viz.: Rain, 30.040 inches; snow, reduced to water, 5.650 inches; in all 35.690 inches or 5 inches above the precipitation for 1903.

I am, gentlemen,
Your obedient servant,

COLIN WM. POSTLETHWAITE,
*Harbour Master.*

TORONTO HARBOUR WORKS,

TORONTO, January 4, 1905.

SIR,—I have the honour to report that the following quantities of dredging were done at the wharfs and slips during last season by Mr. Frank Simpson, at 23½ cents per cubic yard.

The material dredged was dumped in the lake 8 $\frac{1}{10}$ miles distant, due south from the lighthouse at the eastern entrance channel, as required by the Board of Health, with the exception of the dredging done at the western slip of Polson's Iron Works; as this material was not affected by sewage, it was dumped at the water lots of the Grand Trunk Railway, near the Queen's Wharf.

| | | |
|---|---|---|
| Princess Street entrance ..... ..... | 5,822 | cubic yards. |
| E. Rogers & Co.'s Wharf..... | 6,414 | " |
| Medlar & Arnot's Wharf..... | 1,107 | " |
| Polson's Iron Works..... ..... | 2,565 | " |
| | 15,908 | |

The check clerk took soundings at the several wharfs where dredging is generally done during each season, but owing to the high water in the lake, 30 inches above zero when the soundings were taken, dredging was not required except at Polson's Iron Works.

Deputy Harbour Master also took soundings at Queen's Wharf channel early in June, but owing to the high water in the lake, as above mentioned, dredging was not considered to be necessary, and there was no impediment to vessels entering or leaving the harbour.

I remain,
Your obedient servant,

JAS. T. MATHEWS, Esq.,
Chairman Toronto Harbour Commissioners.

(Signed) KIVAS TULEY,
*Engineer.*

COMPARATIVE STATEMENT of receipts and expenditure for years 1902, 1903 and 1904.

| RECEIPTS. | 1902. | 1903. | 1904. | EXPENDITURE. | 1902. | 1903. | 1904. |
|---|---|---|---|---|---|---|---|
| C. P. Railway.... | $4,000 00 | $4,000 00 | $4,000 00 | Charges Comm's & auditors' fees for year. ... ..... | $ 300 00 | $1,009 00 | $ 500 00 |
| Harbour dues .... | 5,868 72 | 6,791 42 | 6,756 69 | Fire insurance..... | ..... | 17 50 | 8 60 |
| Interest on bonds.. | 433 72 | 557 20 | 557 20 | Salaries for year. . | 2,000 00 | 2,000 00 | 2,000 00 |
| Interest on deposit | 91 90 | 43 15 | | Lights, buoys and beacons.. ..... | 135 55 | 203 00 | 26[illegible] 26 |
| Water Works Department. ... . | 66 67 | 66 67 | 100 00 | General repairs.... | 600 00 | 6,345 86 | 3[illegible] 30 |
| Rent of boat house sites at Don..... | 4 00 | 4 00 | 5 00 | Printing and Stationery..... | 35 85 | 54 81 | 4[illegible] 50 |
| | | | | Dredging. ..... | 4,243 08 | 6,452 74 | 4,23[illegible] 90 |
| | | | | Office expenses and rent..... .... | 578 87 | 575 32 | 54[illegible] 78 |
| | | | | Furniture account . | 62 97 | 125 00 | [illegible] 00 |
| | $9,865 01 | $11,462 44 | $11,418 89 | | $8,004 32 | $16,774 23 | $7,650 334 |

# APPENDIX No. 3.

## REPORT OF THE QUEBEC HARBOUR COMMISSIONERS, FOR THE YEAR ENDING DECEMBER 31, 1904.

QUEBEC, January 2, 1905.

To the Honourable
RAYMOND PRÉFONTAINE,
Minister of Marine and Fisheries,
Ottawa.

SIR,—In compliance with the requirements of the Quebec Harbour Commissioners' Act, 1899, I have the honour, to report as follows on the doings of the Quebec Harbour Commissioners for the year 1904.

### CHIEF ENGINEER'S REPORT.

The annexed report (marked "A") from the chief engineer, Mr. St. Geo. Boswell, conveys information in regard to all matters coming under his care in connection with the commissioners properties, and the various additions and reparations made to them during the course of the year.

### WHARFINGER'S REPORT.

The annexed report (marked "B") from the wharfinger, Mr. P. Flynn, gives the usual information regarding the traffic of the Louise Docks during the year 1904.

### HARBOUR MASTER'S REPORT.

The annexed report (marked "C") from the harbour master, Mr. J. C. Sullivan, gives information in regard to the opening and closing of navigation in the harbour, formation of ice, &c.

### PREMISES LEASED.

Renewals of their leases for one year have been given to the following tenants: Edmond Conway, Joseph Lapointe, A. E. Clint, Dussault & Lemieux, Mathieu & Glode, Joseph Gingras, Thos. Davidson & Co., E. M. Lennon & Co., Whitehead & Turner, A. R. Pruneau & Co., J. S. Thom, W. H. Crawford & Co., Quebec Coal Co., and Canadian Import Co.

The Grand Trunk Railway Company, whose lease of the Grand Trunk and Wellington Wharfs expired on the 30th of April last, have re-leased those properties for a term of five years.

### DETENTION HOUSE.

The detention house for the reception of trachoma patients, mentioned in the report of 1903, and which it was proposed to erect on the Louise Embankment, and to which erection the commissioners took strong objection, has been, they are pleased to say, located at Savard Park, a much more suitable place for a building of this kind.

VISIT TO OTTAWA.

On the 7th of March, the chairman, Mr. J. B. Laliberté, accompanied by the chief engineer, had interviews with the Honourables the Premier and the Minister of Marine and Fisheries to urge upon the part of the commissioners, the importance of making provision for the further extension of the breakwater, and the pushing forward of this work with all possible dispatch.

The commissioners are pleased to note that their recommendations have been acceded to, a further contract having been given, and that the work in question is making good progress.

ELECTION BY SHIPPING INTEREST AND BOARDS OF TRADE.

At the meeting held on the 1st of August, a letter was received from the Secretary of the Board of Trade, Quebec, notifying that Mr. Geo. Tanguay, M.P.P., had been re-elected as that board's representative on the commission for the ensuing term of three years, and at the meeting of the 8th August, notifications of the re-election of Mr. Et. Dussault as the representative of the Board of Trade, Lévis, and of the elections of Messrs. Felix Carbray and William M. Dobell, as representatives of the Shipping Interest, were received.

In connection with the retirement of the Honourable John Sharples, who had served for many years on the commission as one of the representatives of the Shipping Interest, the board at their meeting of the 8th August unanimously passed the following resolution.

*Resolved*, that in acknowledging the reception of the letter of the Honourable John Sharples, announcing his retirement from the board, the secretary be instructed to convey to Mr. Sharples their deep regret to learn of his retirement, their appreciation of the very valuable services he has rendered to the commission and to the Shipping Interest of the port, of whom he was so many years one of the distinguished representatives on this board.

The commissioners will ever retain a kindly remembrance of their pleasant relations, with Mr. Sharples. They wish him still many years to enjoy health, prosperity, and every blessing.

REPAIRS TO PROPERTIES.

Careful attention has been paid during the year to the various properties, to maintain and bring them up to a first class condition.

Details will be found in the chief engineer's report.

VISIT OF THE ROYAL TRANSPORTATION COMMISSION.

At a special meeting held on the 10th of June, the commissioners had the pleasure of an interview with the Royal Transportation Commission, and on the part of the board, the chairman Mr. J. B. Laliberté, tendered to the members of this important commission, Messrs. Bertram, Reford and Fry, a hearty welcome, and submitted the following memorandum from the commissioners as to the requirements of the harbour of Quebec.

MEMORANDUM OF REQUIRED HARBOUR IMPROVEMENTS AT QUEBEC.

*First.*—The extension of the breakwater in a northerly direction for a distance of 1,460 feet and providing in connection with this extension sufficient quay surface to permit of the erection of a suitable passenger landing shed, freight sheds and railway facilities substantially as indicated on plan No. 2, herewith submitted.

This extension is most urgently required, as at present there is only one berth for passenger steamships, the consequence has been that frequently owing to the berth being occupied by a preceding vessel, passenger steamships have had to wait in the stream for a very considerable time before being berthed.

*Second.*—To complete the dredging out of the wet dock and to construct a pier 600 feet long and 230 feet wide extending out into the basin from the embankment quay wall as shown on plan No. 2 outlined in red and marked "projected pier".

This work is required in order to furnish sufficient accommodation for the reception of coal cargoes, and to enable this business being confined to that part of the docks reserved for this purpose.

*Third.*—The construction of a quay wall on the south side of the wet dock as along the lines A B C D on the plan No. 2, whenever the properties on the south side of the wet dock can be obtained on reasonable terms.

This work would complete the wet dock, and place it completely under the control of the Harbour Commissioners.

*Fourth.*—To widen the breakwater on the dock side as shown on plan No. 2.

This would provide a deep water berth on the inside face of this pier and furnish additional quay surface.

*Fifth.*—To construct on the Point Lévis side of the harbour a deep water quay frontage 2,000 feet long, extending from the southern end of the present Intercolonial Railway Wharf up the river in the direction of the Grand Trunk Railway Wharf, and to erect in connection with this pier suitable cold storage and freight shed accommodation.

This work is required, as at present there is no accommodation for vessels, the consequence being that all produce from south shore points has to be sent to other ports for shipment.

*Sixth.*—In view of the fact that the railways using the bridge across the St. Lawrence will require shipping facilities along the river front, the commissioners have had shown on plan No. 1, a quay frontage extending from Victoria Cove down to the Point-à-Carcy Wharf.

### EXPENDITURE ON CAPITAL ACCOUNT.

The expenditure on capital account has been $27,223.66, nearly the whole of this amount $27,154.98 was for various works connected with the St. Charles' Docks.

### REVENUE AND EXPENDITURE.

The revenue of the commissioners for the year 1904 has been $89,302.83, and the expenditure $84,486.26 leaving a surplus of $4,816.57 over working expenses and interest on preference bonds.

### ACTING CHAIRMAN.

During the absence in Europe of the chairman, Mr. J. B. Laliberté, Mr. D. Arcand was the presiding officer, having been unanimously elected by the board as acting chairman.

### ICE CUTTING.

During the winter of 1903–1904, 63,794 blocks of ice have been cut for local use.

Care has been taken that all this ice cut for domestic purposes is perfectly pure, and taken from localities in the harbour that have been selected after an analysis of the ice had been made.

To this report are annexed the various statements conveying the information yearly forwarded to your department, in connection with the harbour, as also a complete statement of the commissioners' account for the year.

I have the honour to be, sir,
Your most obedient servant,

JAS. WOODS,
*Secretary-Treasurer.*

(A.)

HARBOUR ENGINEER'S OFFICE,
QUEBEC, January 2, 1905.

JAMES WOODS, Esq.,
Secretary-Treasurer,
Harbour Commission,
Quebec.

SIR,—I have the honour to submit herewith the following with reference to the various works, in connection with the maintenance and improvement of the harbour of Quebec, executed by this department during the year 1904.

The work of renewing the river face of the breakwater, which was begun during the summer of 1903, was continued during the past season, until completed early in November last. This work consisted essentially in taking down and rebuilding the cribwork face of the wharf, where found to be defective; sheathing the whole of the river face, from low water up to the level of the coping, with eight inches in thickness of elm timber; repairing the surface planking, and filling in with dredge material, where required.

The accommodation for coal cargoes on the embankment having become insufficient for the requirements, an additional length of 500 feet of platform has been laid down, extending, from the eastern end of the previously existing platform, in the direction of the cross wall; in connection with this work, 100 feet of railway track were removed, and 1,300 feet of new track laid down along the inside face of the new coal platform.

The repairs to the cross wall bridge tracks, referred to in last year's annual report, have been completed and have proved to be satisfactory; new cast steel main wheels have been substituted for the cast iron bridge wheels formerly in use, and an auxiliary engine, for operating the bridge in case of a break down of the main engine, has been installed.

The bridge engine boiler has also been extensively repaired, and is now in good condition.

The Nova Scotia Steel & Coal Company having taken up their site to the north of the Carriage roadway, it became necessary to remove Messrs. Madden & Son's weigh house, this has been done, the weigh house having been placed on the site south of the roadway.

The Nova Scotia Steel & Coal Co., have erected a car weighing scale on the site allotted to them for the purpose, in connection with their coal discharging plant, and a railway track has been laid down to this scale, and along the inshore side of their coal platform, by the commission.

The planked roadway leading from the embankment to Ramsay street, has been repaired and replanked, where required; and some 450 cubic yards of broken stone used in repairs to embankment and cross wall roadways.

The railway lines have been maintained in good condition, 100 switch timbers and 1,700 ties having been renewed.

Ten W. iron mooring rings have been placed in the northern cribwork, and one C. iron mooring post in the breakwater, to replace wooden mooring posts.

The roofs of sheds Nos. 13, 14 and 18 have been painted, and minor repairs made to all the landing sheds, when needed.

The commissioners' dredge was placed in Russell's dock on the opening of navigation; and was there scraped and painted, and put in good condition for the season's work. During the past season, this dredge removed about 20,000 cubic yards of silt from the Tidal basin, and worked for 17 days at Indian Cove removing boulders, &c.

The Government Dredge No. 6 has been employed in the wet dock, removing the bank remaining between the commissioners' line and the wet dock quay wall, and has now completed this work, having removed during the past season some 25,000 cubic yards of sand. The materials removed by the dredges, have been deposited in the new work forming the northern extension of the breakwater now under construction.

Floating fenders have been placed on the river front of the old Point-à-Carcy wharf, to protect vessels berthed at the new extension, and overlapping the old face from contact with this part of the wharf.

The floor of the cold store engine room has been taken up and relaid, and foundations placed for the electric power current transformers. Some of the posts in shed No. 19, which had settled down, have been raised up to the proper level, and other small repairs have been made to this and No. 21 shed.

The roof of store No. 7 has been resheathed, and the vacant space beneath the floor of store No. 8 has been filled in.

The surface planking of the various wharfs has been renewed where required, and the various properties of the commission kept in good condition.

The Cross Wall draw bridge was operated, for the first time the past season, on April 22, and the last time on December 4. The water was retained in the wet dock, for the first time on May 7, and for the last time on November 26, on which date the gates were allowed to remain open, and were secured for the winter.

I have the honour to be, sir,
Your obedient servant,

ST. GEO. BOSWELL,
*Chief Engineer.*

(B.)

QUEBEC, January 2, 1905.

JAMES WOODS, Esq.,
Secretary-Treasurer,
Harbour Commission,
Quebec.

SIR,—I have the honour to submit the following report with reference to the harbour of Quebec for 1904.

Local navigation from the Lower St. Lawrence was opened on March 31 by the arrival in the harbour of ss. *Orion* under steam and the bateau schooner *Caron*.

The ice in the tidal basin broke up on April 4.

Schooner *Providence* arrived from Lower St. Lawrence on April 6.

SS. *King Edward* with passengers, mail, and a full cargo for the Gulf St. Lawrence left Louise Basin on April 9.

Bateau schooner *Caron* left for the Lower St. Lawrence on April 8, with general cargo under sail.

The ice in the wet dock broke up on April 9.

First outward steamer for sea ss. *Restigouche* left port on April 17.

Navigation to all parts of the Lower St. Lawrence was general on April 18.

The ice in St. Charles river and north shore channel broke up on April 13.

The first cargo steamer from sea ss. *Britannic* with coal cargo arrived in the harbour on April 24.

The ice from Cap Rouge passed down on April 27.

The first ocean passenger steamer ss. *Lake Champlain* from sea arrived in the harbour on April 30.

The first royal mail steamer ss. *Ionian* (Allan) arrived in the harbour with passengers and general cargo on May 3.

The first Richelieu & Ontario Navigation Company steamer ss. *Quebec* arrived from Montreal on May 3.

The first Richelieu & Ontario Navigation Company steamer ss. *Quebec* left for Montreal on May 3.

All pontoons were placed in position on May 2.

The first Richelieu and Ontario Navigation Company steamer ss. *Virginia* left the harbour for Saguenay with passengers, &c., on May 4.

The first royal mail and passenger steamer ss. *Ionian* with passengers and mails, left the harbour for sea on May 7.

The ss. *Lake Champlain* passenger and freight steamer left the harbour for sea on May 9.

No ballast was discharged into the harbour during the past season.

H.M.S. *Ariadne*, *Retribution* and *Tribune* arrived and anchored in the harbour on August 23.

These docks and wharfs have accommodated a large number of propellers, steam schooners and barges, passengers, boats, &c.

In addition to the routine work of the harbour and office, three hundred and eighty ocean sea going steamers and sea going vessels have been berthed in the Louise docks, breakwater and Point-à-Carcy wharfs.

The limits of the clear water space opposite the city, are indicated at night by red lights, and in day time by sign boards on both sides of the river.

The last ocean passenger steamer and royal mail ss. *Ionian* (Allan) with mails and passengers left the harbour on November 18.

The last ocean passenger steamer ss. *Pretorian* (Allan) with passengers and freight left the harbour on November 23, for sea.

Last Richelieu & Ontario Navigation Company steamer from Saguenay ss. *Virginia* arrived in the harbour on November 6.

Last Richelieu & Ontario Navigation Company ss. *Montreal*, for Montreal, left the harbour on November 26.

All pontoons were placed in winter quarters on November 27.

The last cargo boat (coal) ss. *St. Helen* arrived in the harbour on December 7.

SS. *Restigouche* arrived in the harbour coal laden on December 7.

The last ocean steamer ss. *St. Helen* left the harbour for sea on December 8.

The *Restigouche* went into winter quarters on December 10, in the tidal basin.

The ice in the wet dock formed on December 2.

The ice in the tidal basin formed on December 5.

The ice in the St. Charles river and north channel connecting the island of Orleans with the main land formed on December 9.

Notices have been posted in suitable localities, warning parties from discharging rubbish of any kind in the harbour, docks, &c., and every precaution is being taken to prevent any violation of the regulations of the commissioners in that respect.

I have the honour to be, sir,
Your obedient servant,

J. C. SULLIVAN,
*Harbour Master.*

QUEBEC, January 2, 1905.

JAMES WOODS, Esq.,
Secretary Treasurer,
Harbour Commission,
Quebec.

SIR,—I have the honour to submit the following with reference to the traffic of the St. Charles docks and wharfs, showing the number of vessels, their registered tonnage amount and description of cargo landed and shipped from those docks during the season 1904 :—

*Inwords.*

227 vessels 724,140 tons register.
12,557 tons of general cargo.
3,032 tons of cement.
4,973 tons of salt.
133,416 tons of butuminous coal.
700 tons of steel rails.
3,161 tons of molasses.

*Outwards.*

96 vessels 319,194 tons register.
5,373 tons of general cargo.
9,274 tons of pulp (74,192 bales).
100 heads of cattle.
20,575 P.S. of lumber.

ANTHRACITE COAL TRAFFIC.

129 barges 14,179 tons register landed 34,975 tons coal.

LOWER PORT STEAMERS.

76 vessels 18,993 tons register.
Landed 642 tons of general cargo.
Shipped 1,862 tons of general cargo.
Shipped 2,090 tons of coal.
3 barges of 2,435 tons register landed 4,500 tons steel rails.
89 schooners of 4,895 tons register landed 104,334 railroad ties.
17 barges of 5,950 tons register shipped 7,560 cords pulp wood.
11 barges of 4,162 tons register landed 299,290 bushels 513 tons grain.

VESSELS IN DISTRESS USING THE DOCKS.

One sailing vessel having been damaged by ss. *Truma* eff St. John Island, came to Pointe-à-Carcy to be surveyed, went over to the Geo. Davie dock where she was repaired and then proceeded to Miramichi.

During the past season the different ocean mail steamers landed 61,000 passengers at the immigration station, Louise docks, who were forwarded to their future homes by the different railway companies.

No record has been kept of cabin passengers.

There are wintering on the Louise docks 12,000 Quebec standard of lumber, besides coal, railway ties, timber &c., &c.

During the past season spaces were rented at a small rate for storage off coal landed and removed from water front.

The surface traffic has required the employment of 5,491 cars.

There are stored in the different freight sheds, salt, cement, &c., &c., which the owners are obliged to remove before the opening of navigation and temporary storage was given during the summer for :

9,050 tons cement.
21,086 tons coal.
3,557 tons salt.
2,499 tons steel rails.
4,222 tons pulp.
1,236 squares lumber.

Nova Scotia Steel & Coal Co.
Coal stored on space rented 6,500 tons.

Dominion Coal Co.
Coal stored on space rented 5,700 tons.

The docks are occupied during the winter season by a large number of vessels of various tonnages, where they find safe quarters until the opening of navigation.

I have the honour to be, sir,
Your most obedient servant,

P. FLYNN,
*Wharfinger.*

## QUEBEC HARBOUR COMMISSION.

COMPARATIVE STATEMENT of the Revenue of the Commissioners for the years 1903 and 1904.

| —— | 1903. | 1904. | Difference in 1904. | |
|---|---|---|---|---|
| | $ cts. | $ cts. | $ cts. | |
| Tonnage dues | 9,239 56 | 8,227 06 | 1,012 50 | Decrease. |
| Import dues | 5,157 60 | 5,372 38 | 214 78 | Increase. |
| Export dues | 6,818 92 | 2,797 78 | 4,021 14 | Decrease. |
| Harbour dues | 2,140 62 | 2,236 42 | 95 80 | Increase. |
| Earnings of docks, wharfs and stores | 67,021 08 | 63,047 11 | 3,973 97 | Decrease. |
| Cold storage | 7,685 58 | 5,402 03 | 2,283 55 | " |
| Beach and deep water lots | 1,135 40 | 1,151 24 | 15 84 | Increase. |
| Interest | 1,643 25 | 1,025 81 | 617 44 | Decrease. |
| Sundries | 14 00 | 43 00 | 29 00 | Increase. |
| | 100,856 01 | 89,302 83 | 11,553 18 | Decrease. |

JAS. WOODS,
*Secretary-Treasurer.*

HARBOUR COMMISSIONERS' OFFICE,
QUEBEC, January 2, 1905.

| | $ cts. | $ cts. | | $ cts. |
|---|---|---|---|---|
| To Office furniture | | 3,782 12 | By Receiver General | 43,380 00 |
| Amount at debit of grantees beach and deep water lots | | 39,270 27 | Quebec harbour debentures | 3,612,802 42 |
| Amount at debit 'sundries' for rents, wharfage, &c | | 20,059 61 | First preference bonds | 353,000 00 |
| Unsettled claims against the Dominion Government | | 264,719 95 | Cold storage shareholders | 20,000 00 |
| Cold storage accounts | | 3,052 13 | Beach and deep water lots | 54,523 73 |
| St. Charles docks and wharfs | | 4,094,146 39 | Profit and loss | 628,473 25 |
| East India wharf | | 48,896 64 | | |
| Wellington wharf | | 86,541 85 | | |
| Grand Trunk wharf | | 15,740 32 | | |
| Atkinson's wharf | | 51,103 20 | | |
| Reynars wharf | | 9,918 29 | | |
| Cold storage plant | | 25,315 47 | | |
| Commissioners' dredge | | 10,714 49 | | |
| New deck scow | | 2,830 38 | | |
| Pile driver | | 527 66 | | |
| Material on hand | | 1,042 54 | | |
| Cash on hand | 1,133 05 | | | |
| La Banque Nationale | 24,646 93 | 25,779 98 | | |
| Tools account | | 4,308 08 | | |
| Jackscrews account | | 394 87 | | |
| Anchor account | | 264 38 | | |
| Bills receivable | | 925 72 | | |
| Suspense account | | 2,845 06 | | |
| | | 4,712,179 40 | | 4,712,179 40 |

HARBOUR COMMISSIONERS' OFFICE,
QUEBEC, January 2, 1905.

JAS. WOOD,
*Secretary-Treasurer.*

We hereby certify that we have examined the books and vouchers of the Quebec Harbour Commissioners to December 31, 1904, and that this balance sheet is correct.

QUEBEC, February 13, 1905.

L. A. BERGEVIN,
ALEX. J. MESSERVEY, *Auditors.*

## QUEBEC, DECEMBER 31, 1904.

STATEMENT of Assets and Liabilities, per Balance Sheet of Date.

| 1904. | ASSETS. | $ cts. | $ cts. |
|---|---|---|---|
| Dec. 31. | Real Estate— | | |
| | St. Charles docks and wharfs | 4,094,146 39 | |
| | East India wharf | 48,896 64 | |
| | Wellington " | 86,541 85 | |
| | Grand Trunk " | 15,740 32 | |
| | Atkinsons " | 51,103 20 | |
| | Reynars " | 9,918 29 | |
| | | | 4,306,346 69 |
| | Cold storage plant, &c. | | 25,315 47 |
| | Commissioners dredge | | 10,714 49 |
| | Deck scow | | 2,830 38 |
| | Pile driver | | 527 66 |
| | In re Beach and Deep Water Lots— | | |
| | Capital at debit 'sundries' | 31,978 26 | |
| | Arrears of interest to June 24 | 7,292 01 | |
| | " " Dec. 24 | 797 68 | |
| | | | 40,067 95 |
| | Rents, Wharfage, &c.— | | |
| | Due by sundries as per balance sheet | 20,059 61 | |
| | Rentals for November and December | 2,047 38 | |
| | | | 22,106 99 |
| | Cold storage accounts | | 3,052 13 |
| | Cash— | | |
| | On hand | 1,133 05 | |
| | La Banque Nationale | 24,646 93 | |
| | | | 25,779 98 |
| | Dominion Government— | | |
| | Unsettled claims | | 264,719 95 |
| | Material on hand | | 1,042 54 |
| | Office furniture | | 3,782 12 |

| 1904. | LIABILITIES. | $ cts. | $ cts. |
|---|---|---|---|
| Dec. 31. | Quebec Harbour debentures | 3,612,802 42 | |
| | First preference bonds | 350,000 00 | |
| | Interest to January 1, on $150,000 of preference bonds | 3,000 00 | |
| | Receiver General of Canada | 43,380 00 | |
| | Shareholders of Quebec— | | |
| | Cold Storage Warehouse Co. | 20,000 00 | |
| | | | 4,029,182 42 |
| | Surplus, composed as follows— | | |
| | Beach and Deep Water Lots | 54,523 73 | |
| | Profit and loss | 628,473 25 | |
| | | | 682,996 98 |

| | | | | | | |
|---|---|---|---|---|---|---|
| Tools | | 4,308 08 | | | | |
| Jackscrews | | 394 87 | | | | |
| Anchors | | 264 38 | | | | |
| Bills receivable | | 925 72 | | | | |
| | | 4,712,179 40 | | | | 4,712,179 40 |

MEMO.—The arrears of interest on Government debentures are not included in this statement.

JAS. WOODS,
*Secretary-Treasurer.*

HARBOUR COMMISSIONERS' OFFICE,
QUEBEC, January 2, 1905.

We hereby certify that we have examined the Statement of Assets and Liabilities of the Quebec Harbour Commissioners and we find same in all particulars the true position of the trust at that date.

L. A. BERGEVIN,
ALEX. J. MESSERVY.

The Chairman and Commissioners,
Quebec Harbour Commission,
Quebec.

We have audited the books and vouchers of the commission for the year ending December 31, 1904, and have to report everything was correct and in good order.

We tender our sincere thanks to the secretary-treasurer for the facilities afforded us in our audit and his kind attention to our wants during the discharge of our duties in connection with our annual work.

L. A. BERGEVIN,
ALEX. J. MESSERVY, } *Auditors.*

QUEBEC, February 13, 1905.

REVENUE AND EXPENDITURE. CR.

| 1904. | | $ cts. | $ cts. | 1904. | | $ cts. |
|---|---|---|---|---|---|---|
| Dec. 31. | To Tonnage dues | 8,227 06 | | Dec. 31. | By Administrative and engineering staff, salaries and fees | 14,574 13 |
| | Import " | 5,372 38 | | | Legal expenditure | 754 81 |
| | Export " | 2,797 78 | | | Notarial " | 195 50 |
| | Harbour " | 2,236 42 | | | Miscellaneous expenses printing, stationery, advertising, harbour master, general labour and other expenses | 5,477 78 |
| | | | 18,633 64 | | Property expenditure, taxes, insurance and maintenance of docks, wharfs and stores | 38,500 81 |
| | To Property Earnings— | | | | Commissioners' dredge, maintenance of dredging | 3,332 13 |
| | St. Charles docks and wharfs and stores under lease | 49,201 63 | | | Cold store expenses | 7,449 05 |
| | Due by and charged to the Department of the Interior for ground occupied for immigration purposes | 13,845 48 | | | Beach and deep water lots | 179 45 |
| | | | 63,047 11 | | Sundries | 22 60 |
| | Cold storage warehouses | | 5,402 03 | | 12 months' interest to 1st January, 1905, on first preference bonds | 14,000 00 |
| | Beach and deep water lots | | 1,151 24 | | Surplus of Customs, receipts and earning of docks, wharfs and stores over the working expenses and interest on $350,000 of preference bonds | 4,816 57 |
| | Interest | | 1,025 81 | | | |
| | Sundries | | 43 00 | | | |
| | | | 89,302 83 | | | 89,302 83 |

HARBOUR COMMISSIONERS' OFFICE,
QUEBEC, January 2, 1905.

JAS. WOODS,
*Secretary-Treasurer.*

## QUEBEC HARBOUR COMMISSION.

*Expenditure on Capital Account during the year 1904:—*

| | $ | cts. |
|---|---|---|
| St. Charles docks and wharfs | 27,154 | 98 |
| Tools account | 58 | 28 |
| Cold storage warehouse | 10 | 40 |
| | 27,223 | 66 |

JAS. WOODS,
*Secretary-Treasurer.*

HARBOUR COMMISSIONERS' OFFICE,
QUEBEC, January 2, 1905.

# APPENDIX No. 4.

## REPORT OF THE HARBOUR COMMISSIONERS OF THREE RIVERS FOR THE YEAR ENDING DECEMBER 31, 1904.

THREE RIVERS, MARCH 31, 1905.

To F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I beg to transmit to-day the annual report of the Harbour Commissioners of Three Rivers for the year ending December 31, 1904, *i.e.*, a statement of the number and tonnage of vessels arrived and a summary review of the trade and commerce of the port during the same year.

I have the honour to be, sir,
Yours respectfully,

GEORGE BALCER,
*Secretary.*

COMMISSIONERS :

Alex. Houliston, Esq., Chairman.

| | |
|---|---|
| Henry E. Hart, Esq., | R. S. Cooke, Esq., |
| N. Duplessis, Esq. | Thom. Malone, Esq., |

George Balcer, Secretary.

As far as the shipping is concerned, the year 1904 was rather disappointing. Long before the opening of navigation the condition of this particular section of the trade, as well as of several important articles of export, foreshadowing a more or less serious depression—affected not only our Canadian ports, but the Atlantic ports of the United States as well.

Under these circumstances Three Rivers could not and did not make an exception. And we need not be surprised to find the number of steamers reduced from 106, with 252,000 tons, in 1903, to 75 and 167,000 tons, in 1904 : a falling off of not less than 31 vessels with over 80,000 tons.

Yet, in face of this decline of nearly 30 per cent in our ocean tonnage, caused by the shrinkage in the export of lumber, our transactions in general, not only held their own, but actually exceeded the total of the preceding year. This may be accounted for by the stability of our imports, the increase in some lines of our staples and the introduction of others, but more particularly because, while the ocean traffic suffered a loss, our transactions with the United States—both in regard to the shipping and value of exports—increased, the first by 60 per cent, and the latter by 30 per cent.

Consequently, although disappointing in some respects, the result, on the whole, was fairly satisfactory.

And had it not been for the unfortunate delay in the construction of the new wharf in the western section of the harbour—in spite of all drawbacks not only would the result have been better, but the season of 1904 would have ranked in every detail of our maritime traffic, as the best on record. For nothing was easier than to make up the deficiency caused by the decline in one of our staples, by quite a number of articles of export and import which, for lack of sufficient wharf accommodation, we are yet prevented from receiving or directing from our port.

The striking feature of last year's transactions was, as already indicated, the loss of 21 million feet in the export of lumber to Great Britain and other European markets, viz.: 33 million feet, at a rough value of $550,000, as against 54 million and $750,000 in 1903; a falling off of nearly 30 per cent in quantity and over $200,000 in value; and gauged by the average cargo, a decrease of from 25 to 30 vessels.

The redeeming feature 'par contre' was the first regular export of live stock, *i.e.*—2,506 head of cattle and 1,000 sheep; fully covering, in value, the loss sustained on lumber, but failing to make up the difference in the tonnage, the same vessel transporting cattle also carrying the other freight.

A feature no less remarkable—but this merely to draw attention to the absurdity of the situation, in regard to direct communication and proper means of transport by rail between the city and leading manufacturing centres along the St. Maurice—is the export, *via* Three Rivers, of only 216 tons of pulp to Great Britain;—that is the 'enormous' proportion of not even 1 per cent of the output of our pulp and paper mills. And as for the rest of our manufactures and products, not a single specimen, as usual, did find its way out to a foreign market, through our port.

Surely, as long as such conditions are allowed to prevail, no matter what may be our resources and how great the advantages of our port, progress will not only continue slow, but we will succeed in furnishing the shipping world with the rather curious spectacle of being far better prepared for handling outside freight, and even the products of the United States and the far west, than the products of our own district.

We cannot lay too great stress upon a situation so detrimental to the community in general. The city and every one interested in the matter, as well as both the provincial and federal governments, whose duty it is to protect and help the growing industries of the country, should come to an understanding as to the speedy construction of a road—be it by steam or by electricity—on the right bank of the St. Maurice.

The imports by sea, as before alluded to, not only kept their own, but showed an increased interest by the arrival of nine cargoes of Scotch and English coal, for manufacturing purposes; with the usual proportion of pig iron and sulphur for foundries and paper mills; square timber for harbour construction and government booms; the regularly increasing supply of coal from the maritime provinces for the C.P.R. and minor trade and manufactures, &c., our ocean traffic, more than equalized itself in 1904.

Whereas the main foreign trade thus evidenced such unusual versatility—our transactions with the United States, growing daily firmer, made a most marvellous stride.

No less than 753 canal boats and steam barges arrived last season, against 468 the year before, and 681 in 1899, the best on record. Consequently the season 1904 exceeded by far the shipping interests of previous years.

The greater part of these boats carried pulp wood:—some 55,000 cords of the 82 or 83,000 shipped from the district; the balance, about 10 million feet lumber. A small proportion only arrived with cargoes:—anthracite coal for local consumption; iron ore and sand for forges and foundries.

But the freight carried by river craft represents, as we know, only the bulky part of the traffic, the better portion going by rail. The nomenclature of the articles shipped remains the same and varies only as to proportion. Last years exports to the United States, amounted—according to the consular reports, to $1,154,298, as against $811,941 in 1903:—A net gain of $343,000. The imports, as per local custom returns being $448,313 (out of a total entry of $643,997 imports from all foreign countries) we have the very satisfactory amount of $1,600,000, for direct transactions only with our neighbours. And if we now consider the combined transactions for both the port and district, the result obtained for direct as well as indirect traffic is undoubtedly far superior to any previous year.

In conclusion we may mention the visit to Three Rivers, early in the month of June last—of the 'Royal Commission on Transportation':—A body of leading commercial men of the Dominion, entrusted by the federal government, with the investigation of the condition of the trade, and the task to deliberate and devise as to the best means to develop and further the same, and so solve the great transportation problem now before the country.

Without entering into undue details, suffice it to know, that the honourable gentlemen—for the greater part complete strangers to the place—after most careful examination of all facts submitted, and personal investigation as to the existing conditions; after the inspection of the harbour and some of our leading industrial establishments—left Three Rivers, evidently taken by surprise at what they saw and what they heard, and fully convinced of the bright future in store, both for our port and for the entire section of the country.

We have every reason to believe that, notwithstanding the untimely demise of the lamented president of that honourable commission, Mr. Bertram, of Toronto, the result of their investigation cannot be but most effective for our place.

GEORGE BALCER,
*Secretary.*

Three Rivers, March 15, 1905.

STATEMENT of Number and Tonnage of Steamers and Sailing Vessels entered inward and outward of the port and out-ports of Three Rivers, for the year 1904.

OCEAN TRAFFIC.

| Returned of vessels inward. | No. | Tons. | Return of vessels outward. | No. | Tons |
|---|---|---|---|---|---|
| Total arrivals. | | | Total departures. | | |
| Steamers | 75 | 167,700 | Steamers | 75 | 167,7[illegible]00 |

PORT OF THREE RIVERS.

| Nationality. | | | Cleared for, via. | | |
|---|---|---|---|---|---|
| British and Canadian | 48 | 126,273 | Inland ports | 40 | 87,0[illegible]05 |
| Swedish and Norwegian | 10 | 14,156 | British ports (direct) | 23 | 61,6[illegible]46 |
| Russian | 3 | 3,821 | | | |
| Dutch | 1 | 2,243 | | | |
| Danish | 1 | 2,159 | | | |
| | 63 | 148,651 | | 63 | 148,6[illegible]51 |

LAKE ST. PETER: PIERREVILLE-LOUISEVILLE.

| | | | | | |
|---|---|---|---|---|---|
| Russia | 5 | 6,983 | To Great Britain | 6 | 9,1[illegible]7 |
| Swed. and Norw | 2 | 3,243 | Spain | 2 | 3,0[illegible]8 |
| British | 1 | 2,019 | | | |
| | 8 | 12,245 | | 8 | 12,2[illegible]5 |

OUTPORT BATISCAN.

| | | | | | |
|---|---|---|---|---|---|
| Swed. and Norw | 2 | 3,057 | To Great Britain | | 6,8[illegible]4 |
| British | 2 | 3,747 | | | |
| | 4 | 6,804 | | 4 | 6,8[illegible]4 |

STATEMENT of Number and Tonnage of Steamers and Sailing Vessels, &c.—*Concluded.*

UNITED STATES TRAFFIC.

| | Number. | Tonnage. |
|---|---|---|
| Port of Three Rivers, United States Canal boats | 673 | 66,335 |
| " " Steam barges | 11 | 2,253 |
| Outports : " Barges | 69 | 6,555 |
| | 753 | 75,143 |

INLAND TRAFFIC.

| | | |
|---|---|---|
| Bateaux not registered | 88 | |
| Schooners and barges | 48 | 5,124 |
| Tugs and steamboats | 140 | 20,304 |
| Total | 276 | 25,428 |
| (Exclusive of Richelieu and Ontario Navigation Co. Steamers, local craft and market boats.) | | |

RECAPITULATION.

| | | |
|---|---|---|
| Ocean traffic | 75 | 167,700 |
| United States traffic | 753 | 75,143 |
| Local traffic | 276 | 25,428 |
| Grand total | 1,104 | 268,341 |

RECEIPTS and disbursements for the year 1904.

RECEIPTS.

COMMISSIONERS' OFFICE.

| | | |
|---|---|---|
| Tonnage dues | $ 355 79 | |
| Harbour dues inward | 271 57 | |
| " " outwards | 378 91 | |
| Commutation | 776 91 | |
| Rent of wharf and moorage | 574 53 | |
| | | $2,357,30 |

CUSTOM HOUSE.

| | | |
|---|---|---|
| Tonnage dues | $3,523 25 | |
| Harbour dues inwards | 4,600 86 | |
| " " outwards | 2,779 11 | |
| Moorage | 784 19 | |
| | | $11,687 41 |
| Total collection | | $14,044 71 |
| Proceeds from : Adjusted claims | | 1,392 47 |
| Sale of debentures | $11,000 00 | |
| Interest on deposit | 33 09 | |
| | | $11,033 09 |
| Deposit in bank and cash, Jan. 1, 1904 | | $10,933 92 |
| | | $37,404 19 |

DISBURSEMENTS.

ADMINISTRATION.

| | | |
|---|---|---|
| Current Expenses | $ 487 98 | |
| Salaries & commission | 3,635 61 | |
| Rent | 200 00 | |
| Printing & stationery | 146 87 | |
| Legal expenses | 28 00 | |
| | | $4,498 46 |

DISBURSEMENT ON REVENUE.

| | | |
|---|---|---|
| Engineer's office | $ 126 50 | |
| Repairs and general harbour expenses | 1,525 31 | |
| Repairs Pannetons' wharf | 22 50 | |
| | | $1,674 31 |
| Interest on debentures | $8,126 25 | |
| Sinking fund | 1,625 00 | |
| | | $9,751 25 |
| Total expenses on rev. | | $15,924 02 |

DISBURSEMENT ON CAPITAL.

| | | |
|---|---|---|
| Acquisition of Panneton's wharf | $11,027 10 | |
| Stock of lumber | 1,392 47 | |
| Deposit in bank, Dec. 31, 1904 | 9,060 60 | |
| | | $37,404 19 |

GEORGE BALCER,
*Secretary-Treasurer.*

Three Rivers, January 15, 1905.

# APPENDIX No. 5.

## REPORT OF THE HARBOUR COMMISSIONERS OF PICTOU FOR THE YEAR ENDING DECEMBER 31, 1904.

PICTOU, N. S., February 14, 1905.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour to inclose you Harbour Commissioners account and also copy of the Collector of Customs account of harbour dues collected for the port of Pictou.

Yours respectfully,

HENRY G. IVES,
*Secretary.*

STATEMENT of Harbour Dues account for the year ending December 31, 1904.

| 1903. | RECEIPTS. | $ cts. | $ cts. |
|---|---|---|---|
| Dec. 31... | Balance in Bank of Nova Scotia, Dec. 1903..... (As per last year's statement.) | $125 00 | |
| 1904. | Amount collected at the port of Pictou for the year ending Dec. 31, 1904 ..... | 639 81 | |
| | | | 764 81 |
| | DISBURSEMENTS. | | |
| 1904. | Paid salary of Harbour Master during the year ending Dec. 31, 1904. | 300 00 | |
| | Deposited to credit of Harbour Commissioners..... | 339 81 | |
| | Balance in Bank of Nova Scotia, Dec. 31, 1904..... | 125 00 | 764 81 |

R. P. FRASER,
*Collector of Customs.*

PICTOU, N.S.

PICTOU, N.S., December 31, 1904.

The PICTOU HARBOUR COMMISSIONERS, in account with Henry G. Ives, Secretary.

| 1904. | | Dr. | | $ cts. | $ cts. |
|---|---|---|---|---|---|
| Feb. | 22.. | To E. M. MacDonald's account | | 31 14 | |
| March | 22.. | Joseph Graham | | 25 00 | |
| " | 22.. | Commissioners travelling expenses | | 15 00 | |
| April | 19.. | Mell. McDonald, poles | | 4 40 | |
| May | 6.. | Painting buoys | | 5 00 | |
| " | 16.. | Putting out buoys | | 35 00 | |
| " | 17.. | Bushing West River and clearing channel | | 13 00 | |
| " | 26.. | Pumping out buoys | | 3 00 | |
| " | 30 | Ed. Cameron's account | | 4 35 | |
| June | 27.. | R. McDonald, boat hire | | 5 00 | |
| " | 29.. | Painting buoy | | 1 50 | |
| July | 2.. | J. W. McLean, pumping buoy and bushing | | 3 00 | |
| " | 18.. | SS. 'Arcadia,' shifting buoys | | 12 00 | |
| " | 20.. | Wm. McLean, pumping buoy and bushing East River | | 4 00 | |
| August | 1.. | Work at wharf | | 10 95 | |
| " | 6.. | Bushing middle river | | 12 00 | |
| Sept. | 13.. | Survey, estimates, public wharf | | 9 00 | |
| " | 27.. | Raising and pumping East River buoy | | 8 00 | |
| Nov. | 4.. | Bushing East River | | 20 00 | |
| " | 4.. | Lumber New Glasgow wharf | | 3 30 | |
| " | 15.. | Postages, telephones, &c. | | 15 00 | |
| Dec. | 17.. | Secretary's salary | | 100 00 | |
| " | 17.. | SS. 'Arcadia taking in buoys | | 30 00 | |
| " | 31.. | Deposit receipt | | 2,971 44 | |
| " | 31.. | " " | | 1,278 55 | |
| " | 31.. | Balance Bank of Nova Scotia | | 615 01 | |
| | | | | | 5,234 64 |
| 1904. | | Cr. | | | |
| Jan. | 1.. | By Balance | | 644 84 | |
| Dec. | 31.. | Deposit receipt | $2,869 04 | | |
| | | Interest | 102 40 | | |
| | | | | 2,971 44 | |
| " | 31.. | Deposit receipt | $1,234 52 | | |
| | | | 44 03 | | |
| | | | | 1,278 55 | |
| " | 31.. | Deposited by Collector of Customs | | 339 81 | |
| | | | | | 5,234 64 |
| 1905. | | | | | |
| Jan. | 2.. | By Balance in Bank of Nova Scotia | | 615 01 | |

HENRY G. IVES,
*Secretary.*

# APPENDIX No. 6.

## REPORT OF THE HARBOUR COMMISSIONERS OF NORTH SYDNEY FOR THE YEAR ENDING DECEMBER 31, 1904.

NORTH SYDNEY, C.B., February 16, 1905.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—The Harbour Commissioners for the port of North Sydney beg to hand you herewith a statement of receipts and expenditure for the year ended December 31, 1904. Have also inclosed a report of the vessels that arrived during the year, the coal shipments and iron ore importations.

The harbour was closed by gulf ice from February 3, until April 13, 1904.

Your obedient servant,

WM. HACKETT,
*Secretary.*

Coal shipments:

| | Tons. |
|---|---|
| Dominion Coal Co., Ltd | 1,311,456 |
| Nova Scotia Steel & Coal Co., Ltd | 275,000 |
| Iron ore importations: | |
| Dominion Iron & Steel Co., Ltd., Wabana | 219,828 |
| Dominion Iron & Steel Co., Ltd., Spain | 24,959 |
| Dominion Iron & Steel Co., Ltd., Lake Superior | 17,456 |
| Dominion Iron & Steel Co., Ltd., Sweden | 24,849 |
| Nova Scotia Steel & Coal Co., Wabana | 90,000 |

Number, tonnage and classification of vessels that arrived during the year ending December 31, 1904.

Navigated by 45,162 men.

| | Number. | Tonnage. |
|---|---|---|
| Ocean steamers | 702 | 910,713 |
| Coasting steamers | 110 | 52,113 |
| Ships | 2 | 2,714 |
| Barks | 4 | 3,719 |
| Barkentines | 17 | 3,190 |
| Brigantines | 21 | 3,716 |
| Schooners | 1,301 | 91,109 |
| | 2,157 | 1,067,274 |

**HARBOUR COMMISSIONERS' Statement of Receipts and Expenditure for the year ending, December 31, 1904.**

| 1904. | Receipts. | $ cts. | 1904. | Expenditure. | $ cts. |
|---|---|---|---|---|---|
| Jan. 1 | Amount on hand | 1,565 80 | July 30 | Paid labour, ballast ground | 27 20 |
| April 30 | Received harbour dues | 86 38 | Aug. 6 | " " | 56 00 |
| May 30 | " " | 355 84 | " 10 | R. Musgrave, ironwork | 41 47 |
| July 2 | " " | 440 06 | " 13 | Labour, ballast wharf | 64 00 |
| Aug. 1 | " " | 292 85 | " 20 | Geo. McInnes, account logs | 100 00 |
| Sept. 1 | " " | 358 55 | " 20 | Labour, ballast wharf | 67 20 |
| Oct. 1 | " " | 411 59 | " 26 | Rodk. McDonald, ironwork | 99 86 |
| " 31 | " " | 434 86 | " 27 | Labour, ballast wharf | 20 80 |
| Dec. 31 | " " | 532 59 | " 27 | G. McInnis, acct. hardwood | 4 20 |
| | | | Sept. 1 | McInnis Bros., account logs | 38 10 |
| | | | " 1 | *Enterprise*, printing | 2 50 |
| | | | " 1 | J. J. Hays, ballast | 3 00 |
| | | | " 6 | Ron. Johnson, account logs | 23 64 |
| | | | " 7 | Schr. *Britannia*, ballast | 3 75 |
| | | | " 14 | " *Nina Pearl* " | 4 00 |
| | | | " 14 | " *Erminie* " | 3 00 |
| | | | " 14 | " *Lena* " | 6 00 |
| | | | " 14 | " *Minna Heakman*, ballast | 5 00 |
| | | | " 14 | " *Venus*, ballast | 1 50 |
| | | | " 16 | Angus McLean, account logs | 18 00 |
| | | | " 17 | N. McSween " | 38 40 |
| | | | " 17 | Henry Ball " | 12 50 |
| | | | " 27 | Schr. *Mignonette*, ballast | 3 50 |
| | | | " 28 | P. Nolan, account logs | 35 04 |
| | | | " 29 | Schr. *Louis Girardin*, ballast | 3 60 |
| | | | " 29 | Labour, breakwater | 21 67 |
| | | | Oct. 1 | Ron. Johnson, account logs | 14 00 |
| | | | " 4 | Schr. *Erminie*, acct. ballast | 5 25 |
| | | | " 4 | " *Britannia* " | 3 75 |
| | | | " 8 | Labour, breakwater | 106 50 |
| | | | " 8 | Schr. *Lief*, ballast | 5 00 |
| | | | " 15 | Labour, breakwater | 111 15 |
| | | | " 19 | Ron. Johnson, logs | 31 60 |
| | | | " 21 | D. Ferguson, logs | 75 00 |
| | | | " 21 | Captain Sheppard, ballast | 8 00 |
| | | | " 22 | Labour, breakwater | 128 10 |
| | | | " 25 | Schr. *Victoria*, ballast | 4 50 |
| | | | " 27 | " *Mignonette*, ballast | 6 00 |
| | | | " 29 | Labour, breakwater | 124 10 |
| | | | Nov. 2 | D. Ferguson, balance logs | 33 99 |
| | | | " 5 | Labour, breakwater | 104 10 |
| | | | " 8 | Ron. Johnson, timber | 10 50 |
| | | | " 12 | Labour, breakwater | 96 90 |
| | | | " 24 | *Amy Louise*, ballast | 8 00 |
| | | | " 24 | Bent and Cahoon | 17 90 |
| | | | " 24 | J. Nicholson, logs | 36 00 |
| | | | " 24 | J. McLeod, labour | 5 00 |
| | | | " 24 | F. Tuck, hire of stage | 5 00 |
| | | | Dec. 5 | Spikes, J. W. Ingraham | 0 50 |
| | | | " 5 | Wm. Perry, labour | 9 00 |
| | | | " 5 | J. D. McNeil, labour | 2 00 |
| | | | " 5 | R. Musgrave, ironwork | 121 13 |
| | | | " 31 | M. W. Lawlor | 400 00 |
| | | | " 31 | P. J. McDonald | 400 00 |
| | | | " 31 | Harbour master, J. Shean | 500 00 |
| | | | " 31 | Rent | 75 00 |
| | | | " 31 | Wm. Hackett | 500 00 |
| | | | " 31 | Schr. *Hazel Dell*, ballast | 1 20 |
| | | | " 31 | " *Florence McIvor*, ballast | 5 00 |
| | | | " 31 | Labour on breakwater | 28 50 |
| | | | " 31 | Joseph McPherson | 145 64 |
| | | | | Balance | 646 28 |
| | | | | | 4,478 52 |

P. J. McDONALD,
M. WILSON LAWLOR,
WM. HACKETT.

# APPENDIX No. 7.

## REPORT OF THE HARBOUR COMMISSIONERS OF BELLEVILLE FOR THE YEAR ENDING DECEMBER 31, 1904.

BELLEVILLE, CANADA, January 6, 1905.

To the Honourable
The Minister of Marine and Fisheries,
Ottawa.

SIR,—I beg to inclose the annual statement of the harbour master for year 1904.

Your obedient servant,

DAVID PRICE,
*Chairman Harbour Commission.*

BELLEVILLE, December 31, 1904.

SIR,—The undersigned harbour master of the city of Belleville, begs to submit the following report for the year 1904.

Navigation opened in Belleville harbour on April 23, and closed on November 28.

| | | | |
|---|---|---|---|
| Import dues on | 15,894 | tons coal | $1,589 40 |
| " | 967,291 | feet lumber | 48 34 |
| " | 825,000 | shingles | 24 75 |
| " | 4,608 | bundles lath | 5 76 |
| " | 293 | cords hard wood | 14 65 |
| " | 57 | tons salt | 5 70 |
| " | 1,076½ | " merchandise | 107 64 |
| " | 200 | posts | 0 75 |
| " | 2½ | tons cheese | 0 25 |
| | | | $1,797 24 |
| Expenses | | | 4 00 |
| | | | $1,793 24 |
| Export dues on | 76,832 | logs, &c | $519 03 |
| " | 13,995 | bush. wheat | 17 50 |
| " | 6,047 | " barley | 7 52 |
| " | 2,009 | " oats | 2 50 |
| " | 15 | " rye | 0 08 |
| " | 20 | " buckwheat | 0 09 |
| " | 375 | " peas | 0 47 |
| " | 725 | tons cheese | 72 50 |
| " | 942 | " merchandise | 94 27 |
| " | 220,000 | brick | 11 00 |
| " | 21,000 | shingles | 0 64 |
| " | 24 | bundles lath | 0 03 |
| | | | $725 63 |

Dues collected during the season are as follows :—

| | |
|---|---|
| Total amount derived from imports | $1,793 24 |
| " " exports | 725 63 |
| | $2,518 87 |
| Cash on hand | 30 |
| | $2,518 57 |

All of which is respectfully submitted.

I have the honour to be, sir,
Your obedient servant,

SYD. VANDERVOORT,
*Harbour Master.*

# APPENDIX No. 8.

## REPORT OF THE HARBOUR COMMISSIONERS OF MONTREAL FOR THE YEAR ENDING DECEMBER 31, 1903.

*Commissioners :*

HON. ROBERT MACKAY, President.

JONATHAN HODGSON, Esq.
R. BICKERDIKE, M. P.
ALPHONSE RACINE, Esq.
EUSTACHE H. LEMAY, Esq.
WILLIAM E. DORAN, Esq.
JAMES COCHRANE, M L.A. (Mayor.)
JAMES CRATHERN, Esq.
JOHN TORRANCE, Esq.
L. E. GEOFFRION, Esq.
ROBERT REFORD, Esq.

DAVID SEATH, Secretary-Treasurer.
JOHN KENNEDY, M. Inst. C.E., Chief Engineer.
JAMES MCSHANE, Harbour Master.
CAPT. T. BOURASSA, Deputy Harbour Master.
ROBERT A. EAKIN, Wharfinger and Paymaster.

HARBOUR COMMISSIONERS OF MONTREAL,
SECRETARY'S OFFICE,
MONTREAL, April 14, 1905.

COL. F. GOURDEAU,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour, by direction of the Harbour Commissioners of Montreal, to forward herewith, for the information of the Honourable the Minister of Marine and Fisheries, summarized statement of the operations of the corporation, for the year ended December 31, 1903. The statement has been delayed in order to obtain the correct value of the materials in stock by having complete inventories taken, and this has resulted in the discovery of a deficiency of $80,778.52, from the amounts appearing in the books. This deficiency is the accumulation of several years.

The stock accounts in the books now correspond with the value of the stocks on hand and the difference has been carried to suspense account.

The ordinary revenue was $354,475.95, an increase of $27,239.88 over that of the previous year, and the revenue was further increased by $61,397.79, surplus over cost of real estate sold by the corporation.

The revenue from imports increased $10,357.65, that from exports $13,968.23, and that from local wharfages $1,025.21, while the revenue from other ordinary sources increased $1,911.36.

The cost of management, maintenance and repairs, apart from expenditure on capital account was $176,993.16, an increase over that of the previous year of $61,410.25, occurring principally in the following accounts:—harbour repairs, $51,987.97; harbour surveys, $2,183.85; indemnity for accident, $1,814.90; administrative staff, $3,050.73. The interest, and annuity of $600, were $222,550.71, an increase of $30,300.07 over the previous year, being for interest on loans received during the year to carry out the works of improvement, including the grain elevator.

The amount disbursed for harbour works during the year, including $271,919.61, on account of the grain elevator, was $1,035,144.22, being the expenditure on capital account, towards which the city of Montreal contributed $20,033.55.

The sum of $600,000 was received on loan from the Dominion Government, on account of the $2,000,000 authorized by the Act 61 Victoria, chapter 47, for harbour improvements, and $200,000 of the $1,000,000 authorized by the Act 1 Edward VII, chapter 9, for the erection of the grain elevator and other improvements.

The bonded debt at the end of the year was $6,122,000, of which $2,222,000 is due to the public, and $3,900,000 to the Government, upon which the average rate of interest is 3·72 per cent per annum.

The usual reports for the year of the harbour master, the Montreal decayed pilots fund, and the Montreal pilotage district, have already been transmitted to you, while that of the chief engineer on the works for the improvement and maintenance of the harbour, is transmitted herewith.

I have the honour to be, sir,
Your obedient servant,

DAVID SEATH,
*Secretary.*

# HARBOUR COMMISSIONERS OF MONTREAL

SUMMARIZED STATEMENT of operations for the year ended December 31, 1903.

| Balance and Receipts. | | Revenue. | Capital. |
|---|---|---|---|
| | | $ cts. | $ cts. |
| Balance from 1902 | $204,093 17 | | |
| Held for Montreal Decayed Piles Fund in trust: | | | |
| Harbour Debentures and City Stock | $51,000 00 | | |
| Deposit City and District Savings Bank | 3,772 43 | | |
| | 54,772 43 | | |
| | | | $258,865 60 |
| *Receipts 1903.* | | | |
| Collector of Customs: | | | |
| Wharfage dues on imports | $193,784 44 | | |
| Wharfage dues on exports | 110,790 34 | | |
| | | $304,574 78 | |
| Wharfinger, local traffic, &c | | 35,175 89 | |
| Rental Harbour tracks and properties | | 14,725 28 | |
| Harbour Repairs, labour and materials | | 158 94 | |
| Surplus over cost realized on sale of real estate, Barclay street | | 61,397 79 | |
| Harbour Dredging Fleet, materials sold | | | 1,472 70 |
| Windmill Point Wharf, " | | | 30 00 |
| Harbour Railway, " | | | 686 75 |
| Real estate No. 4, Old lumber sold | | | 5 50 |
| Real estate No. 3, Property sold | | | 16,377 21 |
| Harbour Enlargement, city of Montreal | | | 20,033 55 |
| Chart Account, Charts sold | | | 49 50 |
| Pilotage Expenses, 2% of pilotage dues | | | 1,608 17 |
| Security deposits, from sundry contractors | | | 11,224 76 |

| Disbursements and Balance. | Revenue. | Capital. |
|---|---|---|
| | $ cts. | $ cts. |
| Refunds, wharfages inwards and outwards | $ 341 13 | |
| Buoys and Beacons | 23 65 | |
| Annuity | 600 00 | |
| Indemnity for accident | 1,814 90 | |
| Harbour Surveys | 2,658 61 | |
| Premium Employer's Liability | 3,900 00 | |
| Electric Lighting of Harbour | 4,526 25 | |
| Miscellaneous Expenses, taxes, heating, printing, advertising, travelling, legal, notarial and other expenses | 11,488 57 | |
| Administrative staff, salaries and fees | 29,142 52 | |
| Harbour Repairs, maintenance of wharfs, &c., (see contra for credit) | 123,256 47 | |
| Interest | 221,950 71 | |
| Harbour of Montreal, establishing boundary | | 67 53 |
| Guard Pier Construction | | 6,434 20 |
| Windmill Point Wharf, South, (see con. for cre.) | | 185,014 61 |
| " " North | | 145,252 99 |
| " Point Basin | | 67,819 19 |
| Harbour Dredging | | 459 37 |
| New Pile Wharf, sec. 21 | | 7,403 02 |
| New Cribwork, sec. 23 | | 24,922 97 |
| Deep water berth, sec. 27 | | 13,603 71 |
| Hochelaga Construction | | 12,967 40 |
| Harbour Railway (see contra for credit) | | 87,863 37 |
| Ship Channel in upper part of Harbour | | 40,843 06 |
| Real estate No. 4, (see contra for credit) | | 36,628 82 |
| " No. 3, " " | | 249 84 |
| Elevator Account, Expenditure on elev. & wharf | | 271,919 61 |
| Harbour Enlargement, (see contra for credit) | | 104,957 86 |
| Harbour Enlargement, dredging | | 17,514 06 |
| Security deposits, refunded | | 8,245 22 |
| Harbour Dredging Fleet, (see contra for credit) | | 1,472 70 |
| Pilotage Expenses, " " | | 731 65 |
| Plant a/c., less amount written off for depreciation | | 28,322 07 |

| | | | | | |
|---|---|---|---|---|---|
| ontreal: | | | | | |
| aft repaid on 14th January, 1904 | | 195,549 73 | Disbursements on Capital account | | 1,068,190 81 |
| ion of Canada under the Act 61 Vic., 47 | | 600,000 00 | Disbursements on Revenue account | | 399,702 81 |
| ion of Canada, under the Act 1 Edward Chap. 9, Sec. 3 | | 200,000 00 | Total disbursements | | 1,467,893 62 |
| Balance and Receipts on Capital Account | | 1,311,996 17 | Charged to suspense Account: Difference in value of materials, &c., on hand between Ledger accounts and inventories | | 80,778 52 |
| Receipts on Revenue Account | | 416,032 68 | Balance December 31, 1903: | | 1,548.672 14 |
| | | | Cash $1,581 50; Bank of Montreal coupon account 100 00 — $1,681 50 | | |
| | | | Sundry accounts receivable 59,375 40 | | |
| | | | Value of materials in stock 150,203 47 | | |
| | | | Wharfages unpaid at Customs 5,322 28 | | |
| | | | Discount on debentures 'H' & 'J' 17,421 03 | | |
| | | | $234,003 68 | | |
| | | | Less interest accrued and coupons outstanding 109,914 54; Outstanding acct. rent 100 00 — 110,014 54 | | |
| | | | $123,989 14 | | |
| | | | Montreal Decayed Pilots' Fund: Harbour debentures and city stock $51,000 00; Deposit, City and District Savings Bank 4,367 57 — 55,367 57 | | |
| | | | | | 179,356 71 |
| | | $1,728,028 85 | | | $1,728,028 85 |

Certified as per report.

DAVID SEATH,
*Secretary-Treasurer.*

RIDDELL & COMMON, C.A.,
*Auditors.*

## REPORT OF THE PILOTAGE DISTRICT OF MONTREAL FOR THE YEAR 1903.

HARBOUR COMMISSIONERS OFFICE OF MONTREAL,
SECRETARY'S OFFICE, MONTREAL, March 1, 1903.

Col. F. GOURDEAU,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour, by direction of the Harbour Commissioners of Montreal, as the pilotage authority, to transmit, for the information of the Honourable the Minister of Marine and Fisheries, the following report of the pilotage district of Montreal, for the year ended December 31, 1903.

The accompanying statement gives the names, earnings, &c., of all the pilots for the past season, and shows an increase of $6,487.65 over that of 1902.

The total amount of pilotage dues was received from the following services, namely:

BRITISH.

| | | |
|---|---|---|
| Steamships | $58,492 22 | |
| Sailing vessels | 352 23 | |
| | | $58,844 45 |

FOREIGN.

| | | |
|---|---|---|
| Steamships | $17,822 55 | |
| Sailling vessels | 28 00 | |
| | | 17,850 55 |
| Total | | $76,695 00 |

Before the opening of the season the selection of pilots for special service was made in conformity with by-laws 108 and 109 of the commissioners, on application being made by the pilots.

On the 13th April, pilots Elzéar Bellisle, Narcisse Perrault and Joseph Pleau, over 65 years of age, were granted a renewal of their license for one year, after having filed medical certificates to the effect that their eyesight was normal, and after being examined under the provisions of by-law 103.

Before the opening of navigation, pilot L. A. Bouillé, 66 years old, having asked to be placed on the pension list, his request was granted, and the pension was paid to him from 1st May. Pilot Liboire Perrault, who was on the pension list since the 1st May, 1901, filed medical certificates to the effect that his health could not permit him to exercise the duties of pilot, and he was placed permanently on the pension list.

Pilot Achille Bélanger, licensed on the 19th May, 1900, and a pensioner on account of ill-health since 1st May, 1902, died on the 25th March last, and pilot Joséphat Sauvageau, licensed on 10th October, 1893, and who had been on the pension list for the last two years on account of ill-health, died on the 18th April last.

Three pilots were granted branches after complying with all the requirements of the by-laws, they are: Damien Paquin, of Deschambault, on the 4th February, 1903; J. W. Arthur Gariépy, of St. Alban, on the 20th April, 1903; and Albert Gagnon, of Three Rivers, on the 30th November, 1903.

On the 30th December, pilot Elzéar Bellisle, over 65 years of age, was at his request placed on the pension list, from 1st May next.

This leaves fifty-five pilots on the list, while the number allowed by by-law 99 is enty-five.

In December an examination of apprentice pilots and applicants was held. One prentice only presented himself, and his examination was not satisfactory. Seventeen plicants were examined, and licenses were issued to sixteen of them, on 31st Decem-, as per the following list, which gives the names, age, residence and date of license each apprentice now serving his time :—

LIST OF APPRENTICE PILOTS.

| . | Name. | Age. | Residence. | Date of License. |
|---|---|---|---|---|
| | | | | 1894. |
| 1 | Angers, Alfred | 26 | Ste. Anne de la Pérade | Jan. 30 |
| | | | | 1899. |
| 2 | Frenette, Oswald | 28 | Portneuf | Aug. 16 |
| 3 | Hamelin, Chas. B | 24 | Champlain | " 16 |
| 4 | Perron, Tancrède | 25 | Deschambault | " 16 |
| 5 | Angers, J. B | 23 | Ste. Anne de la Pérade | " 16 |
| 6 | Frenette, Delavoie | 25 | Portneuf | " 16 |
| 7 | Gauthier, Laurent J | 26 | Deschambault | " 16 |
| 8 | Perrault, David, fils | 23 | " | " 16 |
| 9 | Hamelin, Fortunat | 25 | " | " 16 |
| 10 | Gauthier, Cyriac | 23 | " | " 16 |
| 11 | Royer, Jos., fils | 21 | 88 Fleury St., Quebec | " 16 |
| 12 | Carpentier, Eugène | 25 | Champlain | " 16 |
| 13 | Rivard, Frs. Xavier | 23 | Grondines | " 16 |
| 14 | Mayrand, Joseph | 22 | Lachevrotière | " 16 |
| 15 | Arcand, Alfred | 26 | Grondines | " 16 |
| 16 | Lachance, Napoléon | 20 | Riv. Lafleur, Isl. Orleans | " 16 |
| | | | | 1900. |
| 17 | Frenette, Geo | 22 | Portneuf | Dec. 4 |
| 18 | Paquin, Emile | 26 | Deschambault | " 4 |
| 19 | Bouillé, Henri | 19 | " | " 4 |
| 20 | Larochelle, Eugène | 20 | St. Michel de Bellechasse | " 4 |
| 21 | Perron, Théodore | 20 | Deschambault | " 4 |
| 22 | Arcand, Arthur | 19 | Champlain | " 4 |
| 23 | Rousseau, Oscar | 26 | St. Michel de Bellechasse | " 4 |
| 24 | Dussault, Bona | 21 | St. Alban | " 4 |
| 25 | Paquin, Côme | 21 | Deschambault | " 4 |
| 26 | Labranche, Chs. Ed | 20 | Portneuf | " 4 |
| 27 | Arcand, Jos. Arthur | 20 | Champlain | " 4 |
| 28 | Boudreau, Anthime | 20 | Deschambault | " 4 |
| 29 | Gariépy, Laurent | 18 | " | " 4 |
| | | | | 1901. |
| 30 | Baribeau, Hormisdas | 19 | Deschambault | " 18 |
| 31 | Bernier, J. Alphonse | 19 | 280 rue de la Reine, Quebec | " 18 |
| | | | | 1903. |
| 32 | Brière, Jules | 17 | Portneuf | " 31 |
| 33 | De Villers, Napoléon | 17 | Lotbinière | " 31 |
| 34 | Marchand, Armand | 17 | Three Rivers | " 31 |
| 35 | Gosselin, Achille | 18 | Deschambault | " 31 |
| 36 | Paquette, Donat | 19 | Grondines | " 31 |
| 37 | Lacroix, Edmond | 18 | Contrecœur | " 31 |
| 38 | Hamelin, Wilfrid | 18 | Grondines | " 31 |
| 39 | DeLachevrotière, Philip | 16 | Lotbinière | " 31 |
| 40 | Houde, Thomas | 18 | St. Antoine de Tilly | " 31 |
| 41 | Legendre, Ludger | 21 | " | " 31 |
| 42 | Frenette, Emile | 20 | Portneuf | " 31 |
| 43 | Tessier, Philippe | 16 | Ste. Anne de la Pérade | " 31 |
| 44 | Marchand, Cyprien | 17 | Champlain | " 31 |
| 45 | Dussault, Louis | 18 | Deschambault | " 31 |
| 46 | Lacouture, Ludovic | 21 | Montreal | " 31 |
| 47 | Naud, Emilien | 17 | Deschambault | " 31 |

There are seven applicants to be placed on the list of apprentice pilots, of whom Messrs. Jean Perrault and Emile Rodrigue have passed their examination, but have not yet taken their license.

LIST OF APPLICANTS TO BE PLACED ON THE LIST OF APPENTICE PILOTS.

| No. | Name. | Residence. | Date of application. |
|---|---|---|---|
| 1 | *Rodrigue, Emile | Deschambault | Jan. 30, 1900 |
| 2 | †Perrault, Jean | Deschambault | May 25, 1897 |
| 3 | Thibaudeau, A. Emile | Portneuf | Jan. 7, 1901 |
| 4 | Belisle, N. Oscar | Deschambault | Jan. 28, 1901 |
| 5 | Dussault, Laurent | Deschambault | March 2, 1901 |
| 6 | Simard, J. P. Geo. H. | Saint-Mich de Bellechasse | March 6, 1901 |
| 7 | Arcand, Jos. Arthur | Deschambault | Aug. 31, 1902 |

* Passed examination on December 4, 1900. † Passed examination on December 18, 1901.

The amounts received and expended by the Harbour Commissioners, as pilotage authority for the district, apart from their receipts and disbursements, in trust for the Montreal Decayed Pilots' Fund, were as follows :

| RECEIVED. | $ cts. | $ cts. |
|---|---|---|
| Balance from 1902 | 563 83 | |
| From D. Paquet, fee of license as pilot | 10 00 | |
| J. A. W. Gariépy, fee of license as pilot | 10 00 | |
| A Gagnon, " " | 10 00 | |
| Fees on sixteen licenses of apprentice pilots | 80 00 | |
| Pilots, 2 p.c. of pilotage dues on sundry vessels | 9 65 | |
| Collector of Customs, Montreal, 2 p.c. of pilotage dues on vessels to and from Montreal | 1,448 06 | |
| Collector of Customs, Three Rivers, 2 p.c. of pilotage dues on vessels to and from Three Rivers | 30 64 | |
| Collector of Customs, Sorel, 2 p.c. of pilotage dues on vessels to and from Sorel. | 9 71 | |
| Total | ..... | 2,171 89 |
| EXPENDED. | | |
| By Herald Publishing Co., printing and stationery | 11 50 | |
| Dominion Express Co., parcel to Quebec | 0 35 | |
| Geoffrion, Geoffrion & Cusson, professional services | 47 00 | |
| Pilots, attending examination of apprentice pilots | 72 50 | |
| Contribution towards the expenses of the Pilotage Office, Quebec | 600 00 | |
| Rent of Pilotage Office, Quebec, to April 30, 1904 | 50 00 | |
| Total | ..... | 781 35 |

The above statement shows that the receipts for the year exceeded the expenditure by $826.41, and with the balance brought forward from 1902, leaves a surplus of receipts over expenditure of $1,390.24.

The mishaps during the year, which were few, were investigated by order of the Honourable the Minister of Marine and Fisheries, as provided by the Act 63-64 Victoria, chap. 36, 'An Act to amend the Pilotage Act.'

The water in the channel kept at a very satisfactory depth throughout the season and a list of vessels which passed down during the latter part of the season, drawing twenty-six feet and over, with the relative depth in the channel on the day of passage as indicated by the government gauge at Sorel, is as follows :—

ATEMENT showing draft of steamships for part of season 1903 drawing twenty-six feet and over.

| Date. | Steamers. | Draft when stationary in Harbour by Pilots Report. | | Depth of Water in Channel by Sorel Gauge. | |
|---|---|---|---|---|---|
| | | Ft. | In. | Ft. | In. |
| ug. 8 | SS. Monteagle | 26 | .. | 28 | 6 |
| " 9 | " Pomeranian | 26 | .. | 28 | 8 |
| " 16 | " Montreal | 28 | .. | 28 | 7 |
| " 22 | " Mont Royal | 27 | 6 | 28 | 8 |
| " 22 | " Montfort | 26 | .. | 28 | 8 |
| " 22 | " Hurona | 26 | 3 | 28 | 8 |
| " 29 | " Kildona | 26 | .. | 28 | 6 |
| pt. 5 | " Iona | 26 | 6 | 27 | 9 |
| " 10 | " Montezuma | 26 | 6 | 27 | 10 |
| " 12 | " Fremona | 26 | 3 | 27 | 9 |
| " 26 | " Monarch | 26 | .. | 28 | .. |
| ct. 3 | " Hurona | 26 | .. | 27 | 5 |
| " 11 | " Montrose | 26 | .. | 28 | 11 |
| " 10 | " Mount Royal | 26 | .. | 28 | 8 |
| " 17 | " Kensington | 26 | 9 | 28 | 5 |
| " 17 | " Iona | 26 | 8 | 28 | 5 |
| " 24 | " Turcoman | 26 | .. | 28 | 11 |
| ov. 13 | " Lake Manitoba | 26 | .. | 27 | 2 |
| " 14 | " Roman | 26 | 7 | 27 | .. |

The semaphores at St. Nicholas and at Cap à la Roche were worked throughout he season, and for the information of pilots the depths of water which were received aily by telegram were posted in the Pilotage Office here.

The usual edition of the tide-tables, the data for which were furnished by your epartment, was published by the commissioners and distributed to the pilots and to e shipping firms for the use of the vessels.

I have the honour to be, sir,
Your obedient servant,

DAVID SEATH,
*Secretary.*

## EPORT AND STATEMENTS OF THE MONTREAL DECAYED PILOTS' FUND FOR THE YEAR 1903.

HARBOUR COMMISSIONERS OF MONTREAL,
SECRETARY'S OFFICE,
MONTREAL, February 11, 1904.

L. F. GOURDEAU,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour, by direction of the Harbour Commissioners of Montreal, transmit you herewith, for the information of the Honourable the Minister of the arine and Fisheries, the usual statements (1) receipts and disbursements of the ontreal Decayed Pilots Fund for the year ended December 31, 1903, and (2) assets of e Fund at December 31, 1903.

The following is an abstract of the former :—

| RECEIPTS. | $ cts. | $ cts. |
|---|---|---|
| 5 p. c. of Pilotage dues collected at Montreal | 3,620 54 | |
| " " " Three Rivers and Batiscan | 76 62 | |
| " " " Sorel | 24 27 | |
| " " payable on war vessels | 14 25 | |
| " " " sundry vessels | 9 92 | |
| | | 3,745 61 |
| Interest on investments and deposit in Bank | | 2,347 09 |
| Total | | 6,092 70 |
| DISBURSEMENTS. | | |
| Pensions to old pilots and widows of pilots and minors | | 5,472 56 |
| Audit of the fund for 1902 | | 25 00 |
| Total | | 5,497 56 |

showing a gain for the year of $595.14.

The above statement shows that the receipts were sufficient to meet the e penditure. This was due to the fact that the amount of the pension to old pilots was reduced from $360 to $300.

Pilot L. A. Bouillé, 66 years old, having asked to be placed on the pension list, his request was granted, and the pension was paid to him from the 1st May last.

Before the opening of navigation, pilot Liboire Perrault, who was on the pension list since the 1st May, 1901, filed medical certificates to the effect that his health could not permit him to exercise the duties of pilot, and he was placed permanently on the pension list.

Pilot Achille Bélanger, who had been placed on the pension list for one year on the 1st May last, died on the 25th March, and as is customary, the pension for the current quarter was paid to his testamentary executor and universal legatee.

Pilot Josephat Sauvageau, died on the 18th April, and his widow was placed on the pension list from 1st May. She died on the 9th June, and their minor children were placed on the list from that date, and the pension is paid to their duly appointed tutor.

At the close of the year there were twenty-five pensioners, twelve old pilots, eleven widows, and the minors of two pilots.

I have the honor to be, sir,
Your obedient servant,

DAVID SEATH,
*Secretary*

23 — 4

DR. — DAVID SEATH, Treasurer, in Account with the Montreal Decayed Pilots' Fund. — CR.

| 1903. | | $ cts. |
|---|---|---|
| Jan. 2.. | To balance from December, 1902 | 3,772 43 |
| " 31.. | City of Montreal, 6 months, interest to January 1, on $5,000 of 5 p.c. Montreal City Stock | 125 00 |
| " 31.. | Montreal Harbour coupons, due January 5, 1903 : | |
| | Series R Nos. 20 and 102 = 2 × $15 00 = $ 30 00 | |
| | " R " 42 & 117-119 = 4 × 30 00 = 120 00 | |
| | " R " 84 = 1 × 60 00 = 60 00 | |
| | " D " 21 and 45-49 = 6 × 25 00 = 150 00 | |
| | " F " 164-172 = 9 × 20 00 = 180 00 | |
| | " G " 289 and 290 = 2 × 20 00 = 40 00 | |
| | " H " 64-65, 139-142 = 6 × 20 00 = 120 00 | |
| | " J " 231 246 = 16 × 20 00 = 320 00 | 1,020 00 |
| May, 30.. | Collector of Customs, Montreal, ½ Trinity Dues, collected in May | 390 27 |
| June, 30.. | Collector of Customs, Montreal, ½ Trinity Dues, collected in June | 547 55 |
| " 30.. | Pilot W. Raymond, 5 p.c. pilotage dues ss. *S. N. Parent*, Montreal to Quebec, 13 feet draft | 1 60 |
| July, 28.. | City of Montreal, six months' interest to July 1, on $5,000 of 5 p.c. Montreal City stock | 125 00 |
| " 31.. | Collector of Customs, Montreal, ½ Trinity Dues, collected in July | 690 90 |
| Aug. 12.. | Pilot J. W. Gariépy, 5 p.c. pilotage dues, tug *Peter Smith*, Quebec to Montreal | 71 |
| " 19.. | Pilot Geo. Arcand, 5 p. c. pilotage dues, warship *Gazelle*, Quebec to Montreal and return, 18 feet 6 inches draft | 4 65 |
| " 24.. | Pilot D. Paquet, 5 p.c. pilotage dues, yacht *Sunbeam*, Quebec to Montreal, 13 feet 6 inches draft | 1 68 |
| " 31 . | Collector of Customs, Montreal, ½ Trinity Dues, collected in August | 510 18 |
| " 31.. | City and District Savings Bank, interest on deposit | 41 38 |
| " 31.. | Montreal Harbour Coupons, due July 5, 1903 : | |
| | Series R Nos. 20 and 102 = 2 × $15 00 = $ 30 00 | |
| | " R " 42 and 117-119 = 4 × 30 00 = 120 00 | |
| | " R " 84 = 1 × 60 00 = 60 00 | |
| | " D " 21 and 45-49 = 6 × 25 00 = 150 00 | |
| | " F " 164-172 = 9 × 20 00 = 180 00 | |
| | " G " 289 and 290 = 2 × 20 00 = 40 00 | |
| | " H " 64-65, 139-142 = 6 × 20 00 = 120 00 | |
| | " J " 231-246 = 16 × 20 00 = 320 00 | 1,020 00 |

| 1903. | | $ cts. |
|---|---|---|
| Fb. 1.. | By pensions paid to the following for the three months ended January 31— | |
| | Heirs Louis Bellisle | 37 33 |
| | Widow L. D. Bouille | 29 33 |
| | " A. Dufresne | 37 33 |
| | " V. Gagnon | 37 33 |
| | " A. Gauthier | 32 00 |
| | " J. O. Hamelin | 37 33 |
| | " J. Léveillé | 37 33 |
| | " A. Lisé | 37 33 |
| | " D. Mathieu | 32 00 |
| | " E. Nault | 32 00 |
| | " J. Nault | 37 33 |
| | " J. Toupin | 32 00 |
| | Old Pilot, J. Arcand | 75 00 |
| | " Cyrille Bellisle | 75 00 |
| | " Z. Bouillé | 75 00 |
| | " P. Bélanger | 75 00 |
| | " A. Bélanger | 75 00 |
| | " F. Desjordy | 75 00 |
| | " P. Gagnon | 75 00 |
| | " L. Mayrand | 75 00 |
| | " A. Naud | 75 00 |
| | " D. Perrault | 75 00 |
| | " L. Perrault | 75 00 |
| | " J. Sauvageau | 75 00 |
| | " T. Toupin | 75 00 |
| May 1.. | By pensions paid to the following for three months ended April 30— | |
| | Heirs Louis Bellisle | 37 33 |
| | Widow, L. D. Bouillé | 29 33 |
| | " A. Dufresne | 37 33 |
| | " V. Gagnon | 37 33 |
| | " A. Gauthier | 32 00 |
| | " J. O. Hamelin | 37 33 |
| | " J. Léveillé | 37 33 |
| | " A. Lisé | 37 33 |
| | " D. Mathieu | 32 00 |
| | " E. Naud | 32 00 |
| | " J. Naud | 37 33 |
| | " J. Toupin | 32 00 |
| | Old Pilot, J. Arcand | 75 00 |
| | " C. Bellisle | 75 00 |

DR. DAVID SEATH, Treasurer, in Account with the Montreal Decayed Pilots' Fund—*Continued.* CR.

| 1903. | | $ cts. |
|---|---|---|
| | Brought forward | |
| Sept. 10 | Pilot E. A. Paquin, 5 p.c. pilotage dues, ss *Gaspesien*, Quebec to Montreal and return, 10 feet draft | 2 50 |
| " 14 | Pilot J. N. Raymond, 5 p.c. pilotage dues, warship *Troude*, Montreal to Quebec, 18 feet 3 inches draft | 2 30 |
| Oct. 12 | Pilot A. St. Amant, 5 p.c. pilotage dues, ss. *Neepawah*, Quebec to Montreal, 14 feet draft | 1 75 |
| Sept. 18 | Pilot W. Gauthier, 5 p.c. pilotage dues, H.M.S. *Retribution*, Quebec to Montreal and return, 20 feet 2 inches draft | 5 03 |
| " 30 | Collector of Customs, Montreal, ½ Trinity Dues, collected in September | 510 34 |
| Oct. 31 | Collector of Customs, Montreal, ½ Trinity Dues, collected in October | 459 47 |
| Nov. 30 | Collector of Customs, Montreal, ½ Trinity Dues, collected in November | 426 70 |
| Dec. 4 | Collector of Customs, Three Rivers, ½ Trinity Dues, collected in 1903 | 76 62 |
| " 4 | Pilot C. Auger, 5 p.c. pilotage dues, warship *Troude*, Quebec to Montreal, 18 feet 3 inches draft | 2 28 |
| " 14 | Collector of Customs, Montreal, ½ Trinity Dues, collected in December, being balance for season 1903 | 85 13 |
| " 23 | Pilot J. E. Pleau, 5 p.c. pilotage dues, yacht *Sunbeam*, Montreal to Quebec, draft 13 feet 6 inches | 1 68 |
| " 30 | Collector of Customs, Sorel, ½ Trinity Dues, collected in 1903 | 24 27 |
| " 31 | City and District Savings Bank, interest on deposit | 15 71 |

| 1903. | | $ cts. |
|---|---|---|
| | Brought forward | |
| | Old Pilot, Z. Bouillé | 75 00 |
| | " P. Bélanger | 75 00 |
| | " F. Desjordy | 75 00 |
| | " P. Gagnon | 75 00 |
| | " L. Mayrand | 75 00 |
| | " A. Naud | 75 00 |
| | " D. Perrault | 75 00 |
| | " L. Perrault | 75 00 |
| | " T. Toupin | 75 00 |
| | Estate Pilot, J. Sauvageau | 75 00 |
| | " A. Bélanger | 75 00 |
| Aug. 1 | By pensions paid to the following for three months ended July 31 | |
| | Heirs Louis Bellisle | 37 33 |
| | Widow L. D. Bouillé | 29 33 |
| | " A. Dufresne | 37 33 |
| | " V. Gagnon | 37 33 |
| | " A. Gauthier | 32 00 |
| | " J. O. Hamelin | 37 33 |
| | " J. Léveillé | 37 33 |
| | " A. Lisé | 37 33 |
| | " D. Mathieu | 32 00 |
| | " E. Naud | 32 00 |
| | " J. Nault | 32 00 |
| | " J. Toupin | 32 00 |
| | Estate J. Sauvageau | 13 05 |
| | Heirs J. Sauvageau | 16 28 |
| | Old Pilot, J. Arcand | 75 00 |
| | " C. Belliale | 75 00 |
| | " Z. Bouillé | 75 00 |
| | " P. Bélanger | 75 00 |
| | " F. Desjordy | 75 00 |
| | " P. Gagnon | 75 00 |
| | " A. Naud | 75 00 |
| | " L. Mayrand | 75 00 |
| | " D. Perrault | 75 00 |
| | " L. Perrault | 75 00 |
| | " T. Toupin | 75 00 |
| | " Louis A. Bouillé | 75 00 |
| Nov. 1 | By pensions paid to the following for three months ended October 31 | |
| | Heirs Louis Bellisle | 37 33 |

| | | | | |
|---|---|---|---|---|
| | | | Widow L. D. Bouillé | 29 33 |
| | | | " A. Dufresne | 37 33 |
| | | | " V. Gagnon | 37 33 |
| | | | " A. Gauthier | 32 00 |
| | | | " J. O. Hamelin | 37 33 |
| | | | " J. Léveillé | 37 33 |
| | | | " A. Lisé | 37 33 |
| | | | " D. Mathieu | 32 00 |
| | | | " E. Naud | 32 00 |
| | | | " J. Nault | 32 00 |
| | | | " J. Toupin | 32 00 |
| | | | Heirs J. Sauvageau | 29 33 |
| | | | Old Pilot, J. Arcand | 75 00 |
| | | | " C. Belliale | 75 00 |
| | | | " Z. Bouillé | 75 00 |
| | | | " L. A. Bouillé | 75 00 |
| | | | " P. Bélanger | 75 00 |
| | | | " F. Desjordy | 75 00 |
| | | | " P. Gagnon | 75 00 |
| | | | " L. Mayrand | 75 00 |
| | | | " A. Naud | 75 00 |
| | | | " D. Perrault | 75 00 |
| | | | " L. Perrault | 75 00 |
| | | | " T. Toupin | 75 00 |
| | | Dec. 30 | Riddell & Cameron, audit of fund for 1902 | 25 00 |
| | | " 31 | Balance to January 1904 | 4,367 57 |
| Total | 9,865 13 | | Total | 9,865 13 |

**STATEMENT showing the number of Branch Pilots for and above the Harbour and whether employed on Speci**

| Number. | Names. | Age. | Residence. | Date of branch. | Remarks. |
|---|---|---|---|---|---|
| 1 | Nand, Onésime.. | 61 | Deschambault | Mar. 16, 1870 | |
| 2 | Chandonnet, Joseph | 62 | Lévis | Aug. 2, 1870 | |
| 3 | Beandet, Prudent | 62 | 89 Massue St., Que. | Oct. 10, 1870 | |
| 4 | Bellisle, Elzéar | 69 | Deschambault | " | |
| 5 | Pleau, Joseph | 66 | St. Anne de la Pérade | " | |
| 6 | Brunet, Célestin | 59 | 112 Desery St., Montreal | Feb. 28, 1872 | |
| 7 | Groleau, Ulric | 55 | Grondines | Oct. 30, 1872 | |
| 8 | Frenette, Alfred | 64 | Portneuf | " | |
| 9 | St. Amant, Alfred. | 59 | Deschambault | " | Treasurer Pilots Comm |
| 10 | Perrault, Narcisse | 66 | " | Apr. 9, 1874 | |
| 11 | Auger, Cléophas. | 57 | Point Lévis | Sept. 22, 1874 | Member Pilots Comm |
| 12 | Labranche, Ferd | 56 | Portneuf | Apr. 8, 1875 | |
| 13 | Bouillé, Louis Z. | 53 | Deschambault | Jan. 16, 1878 | |
| 14 | Gauthier, Laurent | 52 | " | Dec. 10, 1879 | |
| 15 | Nault, Delavoie. | 50 | " | " | President Pilots Comm |
| 16 | Ganthier, Wilbrod. | 49 | " | " | |
| 17 | Dufresne, George | 54 | " | Dec. 10, 1880 | Member Pilots Comm |
| 18 | Arcand, Norbert | 50 | Champlain | " | |
| 19 | Bouillé, Tancrede | 49 | Deschambault | Dec. 11, 1880 | |
| 20 | Arcand, Nestor | 47 | " | Feb. 20, 1884 | |
| 21 | Dussault, Joseph | 47 | " | " | |
| 22 | Groleau, Gedeon | 51 | Grondines | May 20, 1887 | |
| 23 | Bellisle, Néré | 52 | Deschambault | " | |
| 24 | Raymond, Wilfrid. | 48 | " | Apr. 20, 1888 | |
| 25 | Hurteau, Joseph | 42 | 790 St. Andre St., Montreal | Mar. 29, 1889 | |
| 26 | Perreault, Edouard | 53 | Deschambault | " | |
| 27 | Bouillé, C. Lydoric | 46 | " | " | |
| 28 | Dussault, Honoré | 50 | Ste.-Petronille | July 16, 1889 | |
| 29 | Briere, Arthur | 46 | Portneuf | Apr. 28, 1891 | |
| 30 | Labranche, J. Sifroi | 49 | 378 Lagauchetiere St., Mont. | " | |
| 31 | Perrault, Alexis | 40 | Deschambault | " | |
| 32 | Dufresne, N. Côme | 42 | " | June 23, 1891 | |
| 33 | Nadeau, Jean B. | 44 | Lévis | Apr. 11, 1893 | |
| 34 | Nand, Aubert | 50 | Deschambault | July 11, 1893 | |
| 35 | Dussault, Napoléon | 41 | " | Apr. 3, 1894 | Member Pilots Comm |
| 36 | Arcand, Barthélémi | 41 | " | " | |
| 37 | Bellisle, Prudent | 40 | " | " | |
| 38 | Arcand, George | 39 | " | " | |
| 39 | Toupin, Constant | 37 | Three Rivers | " | |
| 40 | Perreault, George | 38 | Deschambault | Sept. 11, 1894 | Secretary Pilots Comm |
| 41 | Bouille, Narcisse | 44 | " | Oct. 9, 1894 | |
| 42 | Leveille, Joseph | 40 | Batiscan | June 18, 1895 | |
| 43 | Perron, Severe | 45 | 993 St. Andre St., Montreal | Apr. 14, 1896 | |
| 44 | Angers, Alberic | 29 | St. Anne de la Pérade | Mar. 15, 1898 | |
| 45 | Bellisle, Arthur | 41 | Deschambault | Sep. 20, 1898 | |
| 46 | Hamelin, G. Theo. | 29 | Grondines | " | |
| 47 | Bellisle, Cyrille | 35 | Deschambault | " | |
| 48 | Perreault, Anthyme | 35 | " | May 1, 1900 | |
| 49 | Raymond, J. N | 34 | " | Oct. 2, 1900 | |
| 50 | Bourassa, J. Henri | 26 | " | Apr. 16, 1901 | |
| 51 | Pleau, Jos. Ed | 33 | St. Anne de la Perade | July 25, 1901 | |
| 52 | Lacrancine, Melville | 29 | Portneuf | June 23, 1902 | |
| 53 | Paquin, A | 31 | Deschambault | " | |
| 54 | Paquet, Damien | 29 | Grondines | Feb. 4, 1903 | |
| 55 | Garrieppy, J. Arthur | 24 | Deschambault | Apr. 20, 1903 | |

HARBOUR COMMISSIONERS' OFFICES,
MONTREAL, December 31, 1903.

Quebec during the year 1903, their Age, Residence, Number of Pilotages, Earnings, Service or Tour-de-Role.

| No. of Ships to Montreal. | | No. of Ships to intermediate Ports. | | Total No. of Ships. | Earnings to Montreal. | Earnings to intermediate Ports. | Total Earnings. | Employed on Special Service or Tour-de-Role. |
|---|---|---|---|---|---|---|---|---|
| In. | Out. | In. | Out. | | | | | |
| 14 | 16 | .... | 1 | 31 | $ 1,742 02 | $ 48 13 | $ 1,790 15 | Dominion Line. |
| 15 | 15 | .... | ..... | 30 | 1,667 07 | ..... | 1,667 07 | The C. P. R. SS. Co. |
| 12 | 10 | ..... | ..... | 22 | 1,151 62 | ..... | 1,151 62 | German Line. |
| 16 | 16 | ... | ..... | 32 | 980 51 | ..... | 980 51 | Quebec SS. Co. |
| 17 | 15 | .... | .. | 32 | 1,141 84 | ..... | 1,141 84 | Hy. Dobell & Co. |
| 18 | 18 | 1 | 1 | 38 | 1,715 99 | 51 05 | 1,767 04 | Dominion Coal Co. |
| 6 | 6 | 1 | 2 | 15 | 494 38 | 82 75 | 577 13 | Tour-de-Rôle. |
| .... | .... | 1 | 1 | 2 | ..... | 69 13 | 69 13 | " |
| 7 | 6 | ..... | 2 | 5 | 526 85 | 46 63 | 573 48 | " |
| 17 | 18 | ..... | ..... | 35 | 1,957 90 | ..... | 1,957 90 | Donaldson Line. |
| 21 | 17 | ..... | .... | 38 | 2,047 34 | ..... | 2,047 14 | " " |
| 15 | 15 | ..... | 1 | 31 | 1,673 65 | 41 13 | 1,714 78 | The C.P.R. SS. Co. |
| 15 | 17 | ..... | 3 | 35 | 1,865 11 | 129 15 | 1,994 62 | " " |
| 17 | 15 | ..... | ..... | 32 | 1,876 53 | ..... | 1,876 53 | Allan Line. |
| 20 | 20 | ..... | .. | 40 | 1,845 58 | ..... | 1,845 58 | Dominion Coal Co. |
| 16 | 18 | ... | .... | 34 | 1,978 23 | ..... | 1,978 23 | Allan Line. |
| 7 | 8 | 1 | 3 | 19 | 572 33 | 124 10 | 696 43 | Tour-de-Rôle. |
| 20 | 20 | ..... | ..... | 40 | 1,766 94 | ..... | 1,766 94 | Dominion Coal Co. |
| 16 | 16 | ..... | ..... | 32 | 1,786 38 | ..... | 1,786 38 | Allan Line. |
| 18 | 18 | ..... | .... | 36 | 1,622 05 | ..... | 1,622 05 | Dominion Coal Co. |
| 19 | 19 | ..... | .... | 38 | 1,777 89 | ..... | 1,777 89 | " " |
| 8 | 6 | 1 | 2 | 17 | 546 82 | 86 23 | 633 05 | Tour-de-Rôle. |
| 7 | 8 | ..... | 2 | 17 | 592 32 | 54 63 | 646 95 | " |
| 17 | 18 | ..... | ..... | 35 | 1,870 54 | ..... | 1,870 54 | Thomson Line. |
| 16 | 17 | ..... | ..... | 33 | 1,688 44 | ..... | 1,688 44 | Allan Line. |
| 11 | 14 | ..... | ..... | 25 | 1,348 72 | ..... | 1,349 72 | Manchester Line. |
| 16 | 14 | ..... | 3 | 33 | 1,612 60 | 127 82 | 1,740 42 | The C.P.R., SS. Co. |
| 13 | 10 | ..... | ..... | 23 | 1,280 42 | ..... | 1,280 42 | Manchester Line. |
| 14 | 16 | ..... | 4 | 34 | 1,448 10 | 146 50 | 1,594 60 | Head Line. |
| 8 | 10 | 2 | 1 | 21 | 668 98 | 99 65 | 768 63 | Tour-de-Rôle. |
| 16 | 15 | ..... | ..... | 31 | 1,757 23 | ..... | 1,757 23 | Leyland Line. |
| 17 | 14 | ..... | 1 | 32 | 1,399 29 | 36 35 | 1,435 64 | Dominion Line. |
| 6 | 2 | 1 | 1 | 10 | 330 62 | 66 57 | 397 19 | Tour-de-Rôle. |
| 16 | 16 | ..... | 1 | 33 | 1,687 41 | 39 70 | 1,727 11 | Allan Line. |
| 16 | 16 | ..... | ..... | 32 | 1,761 78 | ..... | 1,761 78 | Lord Line. |
| 22 | 20 | ..... | ..... | 42 | 1,573 02 | ..... | 1,573 02 | Intercolonial Coal Co. |
| 19 | 19 | ..... | ..... | 38 | 1,782 42 | ..... | 1,782 42 | Dominion Coal Co. |
| 8 | 10 | ..... | ..... | 18 | 1,012 72 | ..... | 1,012 72 | Dominion Line & Tour-de-Rôle. |
| 13 | 13 | 1 | 5 | 32 | 1,057 72 | 194 58 | 1,252 30 | Dominion Coal Co. |
| 13 | 14 | ..... | 1 | 28 | 1,557 35 | 35 88 | 1,593 23 | Leyland Line. |
| 15 | 15 | ..... | ..... | 30 | 1,798 26 | ..... | 1,798 26 | The C.P.R. SS. Co. |
| 17 | 17 | 1 | 2 | 37 | 1,847 23 | 97 13 | 1,944 36 | Thomson Line. |
| 18 | 18 | 1 | 1 | 38 | 1,632 42 | 49 88 | 1,682 30 | Dominion Coal Co. |
| 17 | 15 | ..... | 6 | 38 | 1,510 46 | 210 36 | 1,720 82 | Head Line. |
| 11 | 14 | ..... | 3 | 28 | 861 02 | 62 13 | 923 15 | Hy. Dobell & Co. |
| 18 | 18 | 1 | 2 | 39 | 1,637 21 | 93 75 | 1,730 96 | Dominion Coal Co. |
| 13 | 14 | .. | 3 | 31 | 1,337 08 | 138 45 | 1,475 53 | Furness, Withy Co. |
| 9 | 11 | ..... | 4 | 23 | 1,029 73 | 96 75 | 1,126 48 | Canadian Ocean & Inland Co. |
| 8 | 8 | 2 | 3 | 22 | 617 15 | 185 72 | 802 87 | Tour-de-Rôle. |
| 19 | 19 | ..... | ..... | 38 | 1,765 38 | ..... | 1,765 38 | Dominion Coal Co. |
| 8 | 7 | ..... | ..... | 15 | 626 21 | ..... | 626 21 | Tour-de-Rôle. |
| 8 | 10 | .... | 4 | 22 | 611 56 | 126 61 | 738 17 | French Line. |
| 26 | 18 | 10 | 6 | 60 | 1,727 27 | 489 10 | 2,216 37 | F. A. Routh & Co. |
| 8 | 5 | 1 | 3 | 17 | 566 66 | 76 70 | 643 36 | Tour-de-Rôle. |
| 6 | 9 | 2 | 7 | 24 | 567 57 | 286 36 | 853 93 | " |
| | | | | | 73,301 72 | 3,393 28 | 76,695 00 | |

DAVID SEATH,

*Secretary.*

DAVID SEATH, Treasurer, in Account with the Montreal Decayed Pilot Fund.

STATEMENT OF THE FUND.

| Nos. | Series. | —— | $ cts. |
|---|---|---|---|
| | | Montreal harbour debentures— | |
| 20 and 102 | R | Due July 5, 1906, interest at 6 per cent, 2 × $ 500 | 1,000 00 |
| 42 and 117-119 | R | " 5, 1906, " 6 " 4 × 1,000 | 4,000 00 |
| 84 | R | " 5, 1906, " 6 " 1 × 2,000 | 2,000 00 |
| 21 and 45-49 | D | " 5, 1915, " 5 " 6 × 1,000 | 6,000 00 |
| 164-172 | F | " 5, 1917, " 4 " 9 × 1,000 | 9,000 00 |
| 289-290 | G | " 5, 1918, " 4 " 2 × 1,000 | 2,000 00 |
| 64-65 | H | " 5, 1921, " 4 " 2 × 1,000 | 2,000 00 |
| 139-142 | H | " 5, 1921, " 4 " 4 × 1,000 | 4,000 00 |
| 231-246 | J | " Jan. 5, 1924, " 4 " 16 × 1,000 | 16,000 00 |
| | | City of Montreal consolidated fund— | |
| 165 | | Due July 1, 1910, interest at 5 per cent, 50 × $100 | 5,000 00 |
| | | Cash in Montreal City and District Savings Bank at 3 per cent | 4,367 57 |
| | | Total | 55,367 57 |

DAVID SEATH,
*Treasurer.*

MONTREAL, December 31, 1903.

We hereby certify that we have examined the entire entries for the year 1903, as recorded in the preceding pages, and have found them to agree with the vouchers on file; also that debentures and certificates to the amount of $55,367.57, as described in statement on opposite page, have this day been submitted for our inspection.

RIDDELL & COMMON, C.A.,
*Auditors.*

MONTREAL, January 19, 1904.

## REPORT OF THE HARBOUR MASTER OF THE PORT OF MONTREAL FOR THE YEAR 1903.

HARBOUR MASTER'S OFFICE,
MONTREAL, December 31, 1903.

DAVID SEATH, Esq.,
Secretary Harbour Commissioners,
Montreal.

SIR,—I beg to submit for the information of the Harbour Commissioners of Montreal, the following as my annual report for the year ended December 31, 1903.

Appended thereto will be found seven comparative statements showing respectively for the past ten year:

1. The number, tonnage and classification of sea-going vessels that arrived in port;
2. Those that arrived from the maritime provinces;
3. Number and tonnage of inland vessels;
4. The dates of the opening and closing of navigation, &c.;
5. The number and tonnage belonging to the different nationalities;
6. The number and tonnage of vessels consigned to the different agents;
7. Number and tonnage of sea-going and inland vessels.

From these statements it will be seen that 802 sea-going vessels arrived in port during the past season, with a tonnage of 1,890,904 tons, an increase of 44 vessels and 349,632 tons over the previous year.

Of these vessels 777 were built of iron and steel, with a tonnage of 1,885,398 tons; and 25 were built of wood, with a tonnage of 5,506 tons.

Of inland vessels there arrived 15,338, with a tonnage of 2,415,791 tons, an increase of 5,943 vessels, and a tonnage of 530,541 tons, making a grand total of vessels of all classes of 16,140 vessels, and a tonnage of 4,306,695 tons, an increase of 5,987 vessels of all classes, and 880,173 tons, over the previous year.

Some of the principal items of exports and imports (as obtained from the best sources of information) were :—

EXPORTS.

LUMBER.—To the United Kingdom and continental ports.

| 1903. | 1902. |
|---|---|
| 231,228,695 feet. | 240,472,113 feet, a decrease of 9,243,418 feet. |

LUMBER.—To the River Plate.

| 1903. | 1902. |
|---|---|
| No shipment. | 353,492 feet. |

| | 1903. | 1902. |
|---|---|---|
| *Grain.*—Wheat, | 15,960,024 bushels. | 16,888,505 bushels. |
| Corn, | 6,811,590 " | 239,792 " |
| Peas, | 263,045 " | 413,885 " |
| Oats, | 1,061,238 " | 1,931,636 " |
| Barley, | 320,513 " | 262,958 " |
| Rye, | 592,535 " | 878,409 " |
| Flaxseed, | 115,569 " | 330,399 " |
| Buckwheat, | 50,629 " | 163,677 " |
| Total, | 25,175,143 " | 21,109,261 " |

Showing an increase of 4,065,882 bushels.

| | 1903. | 1902. | | |
|---|---|---|---|---|
| Flour | 1,050,654 barrels. | 659,395 barrels | increase | 391,259 barrels. |
| Meal | 73,344 " | 24,811 " | " | 48,533 " |
| Eggs | 152,284 cases. | 158,310 cases | decrease | 6,026 cases. |
| Cheese | 2,389,219 boxes. | 2,112,662 boxes | increase | 276,557 boxes. |
| Butter | 344,804 " | 539,553 " | decrease | 194,749 " |
| Apples | 781,092 barrels. | 508,890 barrels | increase | 272,202 barrels. |
| Cattle | 147,201 head. | 77,193 head | " | 70,008 head. |
| Sheep | 61,017 " | 45,831 " | " | 15,186 " |
| Horses | 373 " | 549 " | decrease | 176 " |

IMPORTS.

| | 1903. | 1902. | | |
|---|---|---|---|---|
| Coal from Great Britain | 97,661 tons. | 85,136 tons | increase | 12,525 tons. |
| " United States | 325,198 " | 90,472 " | " | 234,726 " |
| " Maritime Prov. | 1,061,287 " | 1,082,040 " | decrease | 20,753 " |
| Total | 1,484,146 " | 1,257,648 " | increase | 226,498 " |

Of the above quantities there were discharged :

| | 1903. | 1902. | | |
|---|---|---|---|---|
| In the Harbour | 1,373,459 tons. | 1,166,618 tons. | | |
| In the Canal | 91,030 " | 110,687 " | | |
| Cement | 550,226 brls. | 256,081 brls. | Increase | 294,145 brls. |
| Scrap Iron | 67,540 tons. | 76,394 tons. | Decrease | 8,854 tons. |

NOTES.

As will be seen from the foregoing figures there has been an increase of 44 sea-going vessels and 349,632 tons, and an increase of 5,943 tons, making a total increase of 5,987 vessels of all classes, and 880,173 tons over the previous year.

During the season the port was visited by the following warships, namely: *Gazelle*, arrived August 10, and sailed August 16, German Government; *Le Trouade*, arrived September 5, and sailed September 11, French Government, and the H. M. S. *Retribution*, arrived September 7, and sailed September 14, British Government.

During the past season the traffic was without doubt the largest in the history of the port, although there was a very serious strike in the early part of the season which prevented the large ocean steamers which came into the port from being discharged and loaded with their usual dispatch, many of them being detained a week extra.

Notwithstanding the inconveniences which occurred then, our Merchants, Railways, and Cartage Companies, did all in their power to relieve the congestion and assisted me to a great extent out of this trouble.

The whole most respectfully submitted.

JAMES McSHANE,
*Harbour Master.*

## PORT OF MONTREAL.

COMPARATIVE STATEMENT showing the Number, Tonnage and Classification of Sea-going Vessels that arrived in Port, the past ten years, with the dates of the greatest number in Port at one time.

| Years. | Steamships. | Tonnage. | Ships. | Tonnage. | Barques. | Tonnage. | Brigts. | Tonnage. | Brigs. | Tonnage. | Schooners. | Tonnage. | Total No. of Vessels. | Total Tonnage. | Number in Port. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1894 | 684 | 1,079,313 | 3 | 4,344 | 14 | 9,609 | .... | .... | 5 | 901 | 28 | 2,762 | 734 | 1,096,909 | 32, May 23 |
| 1895 | 592 | 1,055,611 | 1 | 1,545 | 9 | 7,714 | .... | .... | 7 | 1,689 | 31 | 2,827 | 640 | 1,069,386 | 25, June 18 |
| 1896 | 669 | 1,200,543 | 5 | 7,350 | 6 | 4,003 | .... | .... | 9 | 2,052 | 20 | 2,520 | 709 | 1,216,468 | 37, July 29 |
| 1897 | 752 | 1,368,395 | .... | .... | 8 | 3,958 | .... | .... | 7 | 1,745 | 29 | 4,904 | 796 | 1,379,002 | 40, " 28 |
| 1898 | 830 | 1,567,436 | 2 | 3,023 | 12 | 10,031 | .... | .... | 5 | 1,478 | 19 | 2,104 | 868 | 1,584,072 | 42, August 1 |
| 1899 | 773 | 1,509,668 | .... | .... | 7 | 3,530 | .... | .... | 3 | 1,048 | 18 | 3,365 | 801 | 1,517,611 | 39, July 29 |
| 1900 | 692 | 1,382,675 | .... | .... | 2 | 891 | .... | .... | 4 | 875 | 28 | 9,415 | 726 | 1,393,886 | 27, June 28 |
| 1901 | 707 | 1,438,081 | .... | .... | 4 | 2,240 | .... | .... | .... | .... | 31 | 12,727 | 742 | 1,453,048 | 25, July 8 |
| 1902 | 729 | 1,531,891 | .... | .... | 9 | 4,427 | .... | .... | .... | .... | 20 | 4,954 | 758 | 1,541,272 | 29, October 9 |
| 1903 | 779 | 1,882,295 | 1 | 1,543 | 2 | 1,388 | .... | .... | .... | .... | 20 | 5,678 | 802 | 1,890,904 | 35, June 8 |

JAMES McSHANE,
*Harbour Master.*

## PORT OF MONTREAL.

**COMPARATIVE STATEMENT showing the Number and Tonnage and Classification of Sea-going Vessels that arrived in Port from the Maritime Provinces, the past ten years.**

| Years. | Steamships. | Tonnage. | Ships. | Tonnage. | Barques. | Tonnage. | Brigts. | Tonnage. | Brigs. | Tonnage. | Schooners. | Tonnage. | Total No. of Vessels. | Total Tonnage. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1894 | 349 | 362,945 | .. | .... | 3 | 2,323 | .. | .... | 4 | 609 | 23 | 2,230 | 379 | 362,107 |
| 1895 | 256 | 296,256 | .. | .... | .. | .... | .. | .... | 5 | 1,070 | 30 | 2,734 | 291 | 300,060 |
| 1896 | 252 | 292,880 | .. | .... | 1 | 178 | .. | .... | 4 | 734 | 15 | 1,188 | 272 | 294,981 |
| 1897 | 298 | 364,936 | .. | .... | .. | .... | .. | .... | 2 | 376 | 31 | 1,051 | 311 | 366,363 |
| 1898 | 327 | 372,274 | .. | .... | .. | .... | .. | .... | .. | .... | 14 | 1,397 | 341 | 373,671 |
| 1899 | 336 | 415,825 | .. | .... | .. | .... | .. | .... | .. | .... | 7 | 646 | 343 | 416,471 |
| 1900 | 279 | 352,002 | .. | .... | .. | .... | .. | .... | 1 | 169 | 15 | 2,564 | 295 | 354,735 |
| 1901 | 282 | 434,140 | .. | .... | 1 | 999 | .. | .... | .. | .... | 10 | 991 | 293 | 436,130 |
| 1902 | 311 | 466,671 | .. | .... | .. | .... | .. | .... | .. | .... | 11 | 2,063 | 322 | 468,734 |
| 1903 | 303 | 468,100 | .. | .... | .. | .... | .. | .... | .. | .... | 15 | 4,648 | 318 | 472,748 |

JAMES McSHANE,
*Harbour Master.*

## PORT OF MONTREAL.

**COMPARATIVE STATEMENT showing the Number and Tonnage of Inland Vessels that arrived in Port, the past ten years, with the greatest number in Port at one time.**

| Years. | Number of Vessels. | Tonnage. | Greatest Number in Port at one time. |
|---|---|---|---|
| 1894 | 4,666 | 979,809 | 158, May 20 |
| 1895 | 4,498 | 943,717 | 172, July 20 |
| 1896 | 4,832 | 1,004,117 | 165, June 11 |
| 1897 | 6,384 | 1,134,346 | 160, July 30 |
| 1898 | 6,941 | 1,807,892 | 200, Aug. 12 |
| 1899 | 8,877 | 1,899,097 | 216, July 28 |
| 1900 | 8,347 | 1,669,494 | 219, June 20 |
| 1901 | 8,450 | 1,683,186 | 167, June 28 |
| 1902 | 9,395 | 1,885,250 | 209, July 23 |
| 1903 | 15,338 | 2,415,791 | 225, June 26 |

JAMES McSHANE
*Harbour Master.*

## PORT OF MONTREAL.

COMPARATIVE STATEMENT showing the dates of the Opening and Closing of Navigation, first arrival from sea, and the last departure for sea, the past ten years.

| Years | Opening of Navigation. | Closing of Navigation. | First Arrival from Sea. | Last Departure for Sea. |
|---|---|---|---|---|
| 1894 | April 12 | Dec. 26 | April 27 | Nov. 24 |
| 1895 | " 20 | " 6 | " 27 | " 25 |
| 1896 | " 22 | " 19 | " 28 | " 23 |
| 1897 | " 17 | " 19 | " 30 | " 24 |
| 1898 | Mar. 31 | " 12 | " 26 | " 28 |
| 1899 | April 24 | " 30 | " 27 | " 29 |
| 1900 | " 21 | " 10 | " 26 | Dec. 3 |
| 1901 | " 21 | " 10 | " 25 | Nov. 25 |
| 1902 | " 3 | " 4 | " 17 | Dec. 4 |
| 1903 | " 2 | " 10 | " 26 | Nov. 28 |

JAMES McSHANE,
*Harbour Master.*

## PORT OF MONTREAL.

STATEMENT showing the Nationality, and Tonnage of Sea-going Vessels, that arrived in Port during the season of 1903, that were navigated by 38,016 Seamen.

| Nationality. | Number of Vessels. | Tonnage. |
|---|---|---|
| British | 579 | 1,516,617 |
| Norwegian | 171 | 290,217 |
| German | 12 | 25,611 |
| Swedish | 8 | 22,857 |
| Danish | 9 | 14,972 |
| Russian | 9 | 12,733 |
| American | 12 | 4,514 |
| French | 2 | 3,383 |

JAMES McSHAME,
*Harbour Master.*

## PORT OF MONTREAL.

NUMBER and Tonnage of Sea-going Vessels, consigned to the following agents, during the season of 1903.

| No. | Names of Firms. | Steam. | Tonnage. | Sail. | Tonnage. | Total Vessels. | Total Tonnage. |
|---|---|---|---|---|---|---|---|
| 1 | The Dominion Coal Co | 182 | 363,751 | ... | ... | 182 | 363,751 |
| 2 | The Can. Pac. Ry. SS. Co | 75 | 337,474 | ... | ... | 75 | 337,474 |
| 3 | H. & A. Allan | 80 | 300,654 | ... | ... | 80 | 300,654 |
| 4 | The R. Reford Co | 99 | 215,519 | ... | ... | 99 | 215,519 |
| 5 | Dominion Line | 37 | 166,878 | ... | ... | 37 | 166,878 |
| 6 | McLean, Kennedy & Co | 64 | 127,869 | ... | ... | 64 | 127,869 |
| 7 | Furness, Withy & Co | 41 | 114,777 | ... | ... | 41 | 114,777 |
| 8 | Leyland Line | 19 | 69,846 | ... | ... | 19 | 69,846 |
| 9 | Hamburg American Line | 16 | 32,932 | ... | ... | 16 | 32,932 |
| 10 | F. A. Routh & Co | 32 | 32,344 | ... | ... | 32 | 32,344 |
| 11 | Canadian Ocean & Inland Co | 11 | 21,795 | ... | ... | 11 | 21,795 |
| 12 | J. G. Brock & Co | 16 | 18,464 | 9 | 851 | 25 | 19,315 |
| 13 | The Intercolonial Coal Co | 22 | 18,900 | ... | ... | 22 | 18,900 |
| 14 | Blakely & Lemieux | 24 | 16,486 | ... | ... | 24 | 16,486 |
| 15 | Hy. Dobell & Co | 27 | 16,438 | ... | ... | 27 | 16,438 |
| 16 | Masters | 22 | 11,611 | 4 | 2,972 | 26 | 14,583 |
| 17 | T. R. McCarthy | 3 | 5,333 | 1 | 1,118 | 4 | 6,451 |
| 18 | J. & R. McLea | 4 | 3,071 | 3 | 2,426 | 7 | 5,497 |
| 19 | Seven others | 5 | 8,153 | 6 | 1,242 | 11 | 9,395 |
| | Total | 779 | 1,882,295 | 23 | 8,609 | 802 | 1,890,904 |

JAMES McSHANE,
*Harbour Master.*

## PORT OF MONTREAL.

COMPARATIVE STATEMENT showing the Number and Tonnage of Sea-going and Inland Vessels, that arrived in Port, the past ten years.

| Years. | Sea-going. | | Inland. | | Grand Total. | |
|---|---|---|---|---|---|---|
| | Vessels. | Tonnage. | Vessels. | Tonnage. | Vessels. | Tonnage. |
| 1894 | 734 | 1,096,909 | 4,666 | 979,809 | 5,400 | 2,076,718 |
| 1895 | 640 | 1,069,386 | 4,498 | 943,717 | 5,138 | 2,013,103 |
| 1896 | 709 | 1,216,468 | 4,832 | 1,004,117 | 5,541 | 2,220,585 |
| 1897 | 796 | 1,379,002 | 6,384 | 1,134,346 | 7,180 | 2,513,348 |
| 1898 | 868 | 1,584,072 | 6,941 | 1,807,892 | 7,809 | 3,391,964 |
| 1899 | 801 | 1,517,611 | 8,877 | 1,899,097 | 9,678 | 3,416,708 |
| 1900 | 726 | 1,393,886 | 8,347 | 1,669,494 | 9,073 | 3,063,380 |
| 1901 | 742 | 1,453,048 | 8,450 | 1,683,186 | 9,192 | 3,136,234 |
| 1902 | 758 | 1,541,272 | 9,395 | 1,885,250 | 10,153 | 3,426,522 |
| 1903 | 802 | 1,890,904 | 15,338 | 2,415,791 | 16,140 | 4,306,695 |

JAMES McSHANE,
*Harbour Master.*

# REPORT ON THE WORKS FOR THE IMPROVEMENT AND MAINTENANCE OF THE HARBOUR OF MONTREAL, FOR THE YEAR 1903.

JOHN KENNEDY, M. INST. C. E., *Chief Engineer.*

HARBOUR COMMISSIONERS OF MONTREAL, CHIEF ENGINEER'S OFFICE,
MONTREAL, April 28, 1904.

DAVID SEATH, Esq.,
Secretary, Harbour Commissioners,
Ottawa.

SIR,—I beg to submit for the information of the Board of Harbour Commissioners, the following report upon the works carried out in the Harbour of Montreal for the year ended December 31, 1903 :—

## NEW WORKS.

The principal works carried on during the year were :—The extension of the wharf on the East side of Windmill Point Basin from section 6 S., northward ; the raising of a large part of the wharf on the west side of the basin to high level ; the completion of Harbour Improvement plan 12A2, by raising the shore wharf, Sections 14 to 17, to full height ; the commencement of the widening and rebuilding of the wharf in Section 23, and the enlargement of the deep water areas in the basins and St. Mary's Current by dredging.

The principal details are as follows :—

*Sections 7S to 10S inclusive, East side of Windmill Point Basin.*—Operations for extension of the wharf northwards were commenced April 21, and were continued until November 26th. The drill boat began work May 1, and continued throughout the season, drilling and blasting to make crib foundations, and deepening the basin. Drilling and blasting were carried on by day only until July 13, and day and night from that date until November 26, the close of the winter season. The work done by the drill boat on the crib seats was as follows :—

| | |
|---|---|
| Grade of finished bottom on crib seats below extreme low water surface | 28 ft. |
| Drill boat worked day and night from July 13 till Nov. 26, 1903. | |
| Working days on crib seats | 182 |
| Working time per day | 11 hours. |
| Number of holes drilled and blasted on crib seats | 2,039 |
| Number of holes re drilled and blasted on crib seats | 227 |
| Average depth of each hole in rock in first blasting of crib seats | 9.3 ft. |
| Average depth of each hole in rock in re drilling on crib seats | 2.8 ft. |
| Average depth of each hole on crib seats from surface of water when drilling was done | 33.75 ft. |
| Quantity of rock drilled and effectively blasted, measured in solid, to 6 inches below finished bottom, on crib seats | 22,200 cu. yds. |
| Cost of blasting crib seats | $15,648.70 |
| Average cost per cubic yard, measured in solid | 70,489 cents. |

The area drilled and blasted includes a small place, viz.: 7,405 square feet, which was drilled and blasted in 1902.

Dredges preceded the drill boat and cleared the rock of overlying deposits of gravel, hardpan, &c. They also followed the blasting as closely as possible and cleared the

blasted rock from the sites for the crib-work. The areas dredged, including that blasted amounted to 317,000 square feet (7.29 acres), and the quantity dredged was 37,119 cubic yards rock, and 18,500 cubic yards hardpan, silt, &c. Cost, $11,628.69, or an average of 20.91 cents per cubic yard, measured loose and by tally of scows, in addition to the cost of $15,648.70 for the drilling and blasting. The excavated material was used for wharf filling, in various parts of the harbour.

The first crib of the extension of the wharf was sunk as soon as sufficient area of foundation was prepared, viz., on May 23, and successive cribs were sunk as rapidly as possible, viz., one June 1, June 17, June 24, June 29, July 6, July 27, August 10 and August 19.

The cribs are of the following lengths, beginning at the south end of section 7S, viz.: 150′ 0″, 151′ 7″, 201′ 2″, 150′ 9″, 150′ 0″, 152′ 0″, 150′ 0″, 151′ 7″, 150′ 8″, making an aggregate of 1,407¾ lineal feet. The small space between the ends of adjacent cribs increase the length to 1,410 feet of cribwork wharf. By the end of the season, 200 lineal feet of additional foundation had been made ready for reception of cribwork. The cribs are all founded on solid shale or trap rock foundation, at 28 feet depth below extreme low water.*

The first and second rows of compartments from the front of the cribwork, a width of 20 feet, are filled to low water level with shale and trap rock dredged from the foundations and the adjoining basin. The compartments of the cribwork and the space behind it are filled principally with silt, hardpan, gravel, boulders and rock, dredged from various parts of the harbour, the rest of the filling being earth, ashes, cinders, and other filling material sent in from city excavations, furnaces, &c.

The filling put into the cribs and wharf embankment, sections 7S to 10S, by derricks during 1903, was 406,047 cubic yards, and the amount of filling from the city was 41,815 cubic yards.

The preparation for building the concrete superstructure was begun on August 1, by setting up moulds. The depositing of concrete was begun on August 15, and continued until the end of November, when work closed for the year.

Concrete superstructure has been placed on 1,175 lineal feet of wharf front and carried up to the following elevations:—Commencing at the Dominion Coal Company's allotment, section 7S, 400 lineal feet has been carried up to elevation 103·00, or within seven feet of the finished height of this portion. From this low level wharf nine feet of the concrete front was sloped up to the high level (elevation 119·00), and 433¼ lineal feet of concrete front was completed to this height. From this point 342 lineal feet has been built downstream to an average elevation of 100·00.

The work of building the concrete wharf front was much delayed and its cost increased by the necessity for concentrating the work on a short length of frontage; in the beginning, on account of the short length of foundation cribs sunk, and later because of the urgency to complete section 8S, for the reception of cargoes of coal for which there was not space available elsewhere. Difficulties also were experienced in obtaining a sufficient and regular supply of stone for the crusher of the concrete plant. The concrete of the wharf was deposited by the floating concrete plant built in the beginning of the year.

Eighty concrete anchor blocks, placed about 64 feet from the wharf front, were made by hand in the ordinary way. In these there are 580 cubic yards of concrete.

The concrete wharf front contains 7,200 cubic yards and the blocks 580 cubic yards, or 7,780 cubic yards of concrete. Cost $45,383.59, or $5.83⅓ per cubic yards.

The work of depositing back filling, grading, surfacing with rock, macadamizing, etc, was continued throughout the working season. At the junction between Sections 7 S and 8 S, the elevation of the top of the finished wharf changes from elevation 110.00 on Section 7 S to elevation 119.00 on Section 8 S. At the change of level a dry stone

* NOTE—The term "extreme low water" in this report means the stage of the river when the surface of the water is 94·00 feet above datum or when there is 13 feet depth above the level of the mitre sill of the old lock No. 1, Lachine Canal, built 1848, and recently removed. The term "ordinary low water" means a stage 3 feet 4 inches higher, or 16 feet 4 inches on the lock sill. All elevations above datum are measured from the harbour datum, which is a horizontal plane 81 feet below the lock sill, 100 feet below the Montreal City datum, and 73·90 feet below mean tide level at New York according to the U.S. Coast Survey levels.

wall is built across the wharf to retain the high level part, and a ramp made from high to low level for roadway traffic. The expenditure, during the year on the whole wharf work on Sections 7 S to 10 S, was as follows :—

| | |
|---|---|
| Drilling and blasting crib seats | $15,648.70 |
| Dredging crib seats ($15,346.28), half of this sum charged to this work, remaining half to other works where the material was deposited | 7,673.12 |
| Cribwork substructure | 56,995.36 |
| Concrete wharf front and concrete anchor blocks, Steel anchor rods and washers | 45,383.59 |
| Filling material put in by Floating Derricks | 53,985.39 |
| Dry retaining wall, grading, surfacing and macadamizing | 26,620.27 |
| Total | $206,306.43 |

*Sections 4 to 11, inclusive, Windmill Point. Raising the wharf on the west side of Windmill Point Basin.*.—The raising of the wharf along the whole length of the windmill Point Basin was undertaken in accordance with an agreement between the Harbour Commissioners and the Grand Trunk Railway Co., dated July 4, 1902. The work of raising the wharf was commenced at the offset, the north end of Section 8, as early in the spring as lowering of the water permitted. Working towards the south, the top part of the old cribwork and its filling were removed down to a point where the timber was found to be sound. New and wider cribwork was built up from this level and anchored by bolts according to plan. Filling by derricks and grading followed as rapidly as practicable, and on 10th September, 400 feet in length had been completed and ready for a ship to berth and discharge or load cargo, but was not used for some time after that date. The work was continued southward, the top of the old wharf being removed and new cribwork finished to elevation 119.00 to a point 796 feet from the lower end of Section 8, where work was begun. A further length 120 feet was built up to an average elevation of 110.00. The work of filling the large area, in rear of this portion of wharf front, extending back to lock No. 2, Lachine Canal, and the hydraulic lots on the west, and from New Canal Basin No. 2 on the north to Section 6 on the south, was pushed vigorously during the summer. Filling was supplied from the front by derricks as rapidly as it could be carted back and much filling was received from city excavations, &c. On this area there are five raceways, one 25 feet wide from basin No. 2, Lachine Canal, called Raceway No. 1, and Nos. 2, 3, 4, and 5 from the hydraulic lots, on Mill Street, numbered consecutively from No. 1. These timber raceways were built during the years 1875 to 1879 and were designed to support only the low level wharf and its load. No. 1 was rebuilt, of increased strength, from a point 109 feet from the face of the wharf for a length of 164 feet to the end of the covered part of the old raceway, and thence for a distance of 45 feet to the bridge on Mill Street, a new covered raceway was constructed. The floor on both the reconstructed and new parts being sound was not disturbed. The part of No. 1 between the reconstructed part and the face of the wharf, 109 feet in length, and raceways Nos. 2 to 5, across the Harbour property, a length of 100 feet each, were reinforced for about 80 feet by timber arches before the filling to high level was put on. Along the boundary line between the Harbour property and the hydraulic lots in the rear, where the latter have not yet been filled up, cribwork was constructed to retain the high level wharf filling. At the close of the year, nearly the whole area along and in rear of the 800 lineal feet wharf from Sections 7 and 8, had been filled to high level, graded, and the raceways on it macadamized. The latrine which had been in use on the low level wharf, was moved to point about 340 feet from the face of the wharf near the north end of Section 7, on the south side of the roadway leading from Black's Bridge. A concrete foundation for the latrine platform, and also a watering trough, were put down with a nine inch drain leading to the raceway, and a two inch galvanized iron pipe from the city main, on Mill Street, for supplying water to the latrine and to watering carts. An area 40 feet

in width has been left at low level across the south end of New Basin No. 1, Lachine Canal, and a roadway thence to Black's Bridge 30 feet in width along the embankment at Lock No. 2. A dry stone wall was built to support the adjacent high level filling. While this large area was being filled the railway was kept in operation for the supply of material for the Grand Trunk Elevator foundation being built on Section 9, until no longer needed.

The embankment was raised on each side of the track and a bridge built over the railway to accommodate the cartage traffic.

Early in spring the foundation of the existing cribwork was examined by divers and any voids found under the cribwork were filled with concrete in bags.

On the part of the work Sections 9 to 11, the area leased to the Grand Trunk Railway Co., operations were begun on May 1, by derricks dumping filling material on Section 11. On May 5, carts were put to work to haul the filling back. As large a force as could be employed was kept at work throughout the summer and by the end of the year about sixtenths of the area to be raised was filled to full height and graded.

Reconstruction of the cribwork from the water line upward was begun on August 22, and stopped on December 3. During this time a length of 260 feet, of the cribwork on Section 11, was renewed and built up to elevation 118. On Sections 9 and 10 a length of 1,150 feet was renewed and built up to an average elevation of 106.

On the work already described, Sections 6 to 11, there were used the following quantities of materials :—

| | | |
|---|---|---|
| 27,157 | lineal feet of round hemlock. | |
| 49,272 | " flat " | |
| 15,894 | cubic feet of square " | |
| 30,370 | lineal feet of round pine. | |
| 15,405 | " flat " | |
| 28,497 | cubic feet of square " | |
| 990 | lineal feet pine piles 41 feet long. | |
| 96,420 | feet B.M., hemlock plank, in general 4" thick. | |
| 12,685 | " spruce " " 2" " | |
| 2,050 | " pine " | |
| 110,320 | lb. wharf spikes, in general ⅞" sq. x 24" long. | |
| 5,934 | lb. pressed spikes and nails. | |
| Cost : | Cribwork of Wharf and Raceways..... ..... | $62,283 19 |
| | Filling grading and macadamizing..... | 59,810 29 |
| | Derrick work and filling material..... ... | 19,159 51 |
| | Total..... | $145,252 99 |

*Harbour Improvement Works, Sections 15 to 17, inclusive.*—About 3 feet in height by 400 feet in length of the top part of the cribwork of King Edward Pier on its north side adjoining the shore wharf was not completed in 1902. This piece of cribwork was finished early in the summer of 1903, and the filling behind it and along the shore wharf, Sections 15 to 17, was put in as rapidly as practicable until the whole was raised to grade, and this completed the work comprised in Plan 12 A2.

Expenditures in Harbour Improvement Works, sections 12 to 19 inclusive, in 1903 :—

Cribwork construction, $23,050.32 ; concrete wharf, section 15 (not including the expenditure on the elevator building, but including the expenditure on the wharf in front of adjoining and the elevator) $31,201.23 ; concrete wharf, section 17, $336.07 ; labour filling and grading wharfs, $44,592.75 ; portion of dredge and derrick work chargeable to filling the wharfs, $18,872.15 ; dredging (part cost), $17,514.06 ; water pipes and drains, $18,106.57. Total, $153,673.15. Charged to City for above work in 1903, $20,033.55.

Expenditure on elevator building in 1903, $240,618.38.

*Section 23, New Wharf Front.*—A piece of wharf front, 105 feet in length, fell forward and disappeared. It was old cribwork built about 1876 for 20 feet 8 inches

depth at extreme low water. The basin in front of it had been deepened to 25' 3" at extreme low water and the old wharf had been kept up for several years by a row of piles along its front.

New cribwork was sunk to a depth of 35 feet at extreme low water on a line about 80 feet forward from the old wharf line. At the end of the year, 450 lineal feet of crib work had been sunk in place, filled in the front pockets with rock and partly filled in rear towards the old wharf front with gravelly material. It was found that after the basin had been dredged to 25 feet 3 inches depth on the sill at extreme low water it had been scoured to a great depth, in some places as great as fifty feet. It was necessary to reduce the great depth, both in order to make foundations for the cribs and to protect the bottom from further scour in front, and also to enable derricks to stand in front of the cribs and work with safety in the strong current. For these purposes a quantity of about 8,000 cubic yards of rock was spread on the bottom by derricks.

| | |
|---|---|
| Part cost dredging crib seats | $ 1,503 50 |
| Cost cribwork | 16,613 51 |
| Filling by derricks | 6,805 96 |
| Total | $24,922 97 |

HARBOUR RAILWAY.

The laying of track on the MacKay Pier, which was commenced last year, was continued this year, and by the end of the summer three fourths of a mile additional track had been laid, making in all two miles of track laid on the MacKay Pier. Grading has also been done for an additional mile of track.

The rearrangement of the old tracks, and laying of new tracks on the piers and shore wharfs between the entrance of the Lachine Coal and the Canadian Pacific Railway Elevators was carried on vigorously during the summer.

Just after the close of navigation two new tracks were laid on the Alexandra Pier, and two on the King Edward Pier, connected with the main lines on the shore wharfs. There were also laid two new tracks from near McGill Street to the Canadian Pacific Railway Elevators, which, with those previously existing, make four tracks throughout this distance.

Convenient cross-overs to facilitate the handling of cars between the different lines, have been laid, and a connection has been made giving the Canadian Pacific Railway access to the high level wharfs from their Dalhousie Square Station ground, by way of Commissioners Street; all the new tracks are of 80 lb. rail and of the very best construction throughout.

A new siding was laid in sections 39 to 42, and connected with tracks leased to the Grand Trunk and Canadian Pacific Railway Companies, near Moreau Street. The siding, including the cross-over, is 1,420 feet in length, about 1,150 feet of which is laid 75 feet from face of wharf to centre of track and 270 feet at 10 feet from face of wharf, so as to facilitate the handling of different kinds of cargo. All the new tracks were planked between the rails and for one foot outside the rails, 611,714 feet board measure of four-inch hemlock plank having been used for this purpose.

The track work began on April 27, and was suspended for the season on December 3.

Expenditure in 1903, $87,176.62.

MAINTENANCE AND REPAIRS.

The total cost of maintenance and repairs of the harbour works in 1903; including the cost of removal of ice given below, is $123,097.53, and it compares as follows with the expenditure of former years :—

| | | | |
|---|---|---|---|
| 1875 | $ 16,499 | 1890 | $ 56,380 |
| 1876 | 35,711 | 1891 | 49,109 |
| 1877 | 26,077 | 1892 | 72,179 |
| 1878 | 18,974 | 1893 | 58,644 |
| 1879 | 18,819 | 1894 | 75,455 |
| 1880 | 17,330 | 1895 | 50,081 |
| 1881 | 16,159 | 1896 | 55,211 |
| 1882 | 27,962 | 1897 | 46,259 |
| 1883 | 35,768 | 1898 | 58,847 |
| 1884 | 44,869 | 1899 | 52,252 |
| 1885 | 42,158 | 1900 | 42,679 |
| 1886 | 64,986 | 1901 | 79,461 |
| 1887 | 64,984 | 1902 | 71,109 |
| 1888 | 49,520 | 1903 | 123,097 |
| 1889 | 51,892 | | |

## ICE MOVEMENT, 1903.

In the winter of 1902-3 the climax of the ice shoving occurred on December 28, when the water rose to a very high winter level, viz.: 37 feet 3 inches on the sill. Fluctuations of the water level, due to the 'taking of the ice', ceased on January 4, 1903.

On February 2, a small opening appeared in the river about 300 feet from the shops on the MacKay pier. The Laprairie ice road was cut away and a span of horses were drowned. On March 3, the opening extended up half way to Victoria bridge, but no further change occurred until March 8. Within the McKay pier, shoved ice extended into the basin to the upper side of Jacques Cartier pier.

On March 8, the ice road broke at Longueuil. On March 12, the air hole which had opened on Frebruary 2, extended down stream to the jail, and another narrow opening appeared eastward in St. Mary's current. No change of importance occurred until the night of the 19th, when ice shoved on the south side of the Laprairie bay. March 21, ice shoved on Montreal side from Victoria bridge to the cotton mill, section 43.

On March 24, a general shove occurred and the ice moved up stream about 100 feet within the MacKay pier opposite the Alexandra, King Edward and Jacques Cartier piers.

Between the Alexandra pier and Windmill Point basin, the ice moved up stream about 8 feet. River jammed full of ice on March 25. March 26, ice moving down stream. March 27, river open on Montreal side down to St. Helen's island. March 28, river open to St. Lawrence sugar refinery on Montreal side, but closed on St. Lambert side to Moffat's island. March 29, river open on St. Lambert side down to Longueuil. March 30, river open to Longue Pointe.

December 18, 1903, river full of ice up to the down stream end of MacKay pier. December 19, river full of ice up to Victoria bridge in the forenoon and shoved on St. Lambert shore in the afternoon when the water rose 4 feet. December 20, open water on St. Lambert side of the river from the bridge down to Coteau Rouge road. December 21, St Lambert side of river full of ice, Montreal side open down to Hochelaga. December 22, Montreal side of river full of ice up to the shops on MacKay pier and to the bridge on St. Lambert side. December 24, river filled up to Victoria bridge. December 25, the ice shoved up to the shore below the bridge. December 26, the river filled with ice up to Laprairie bay. Cold weather prevailed and no further movement took place.

## ICE REMOVAL.

The breaking up of the winter ice was accompanied by very high water and heavy shoves.

The water rose to a maximum height of 43 feet 2 inches above the old lock sill which is only ten inches below the highest recorded depth of 1886.

The quantity of ice left upon the wharfs was larger than usual, in the parts of the harbour not protected by the guard pier. Quantities at several places were approximately as follows :—

| | Cub. yds. |
|---|---|
| Sutherland Pier, Sec. 46. | |
| 300 ft. x 75 ft. x 13 ft. average thickness | 10,833 |
| Laurier Pier, Sec. 43. | |
| 700 ft. x 150 ft. x 15 ft. average thickness | 58,333 |
| From Sec. 43 to Sec. 36. | |
| 4,000 ft. x 160 ft. x 14 ft. average thickness | 331,852 |
| From Sec. 36 to Sec. 33. | |
| 1,300 ft. x 80 ft. x 10 ft. average thickness | 38,518 |
| From Sec. 33 to Sec. 31. | |
| 1,015 ft. x 100 ft. x 6½ ft. average thickness | 24,435 |
| From Section 31 to Sec. 27. | |
| 2,100 ft. x 105 ft. x 8 ft. average thickness | 65,333 |
| From Sec. 27 to Sec. 20. | |
| 3,400 ft. x 100 ft. x 7 ft. average thickness | 88,148 |
| Sec 20, Victoria Pier. | |
| 900 ft. x 120 ft. x 6 ft. average thickness | 24,000 |
| Total approximate, quantity of ice left upon the wharfs, cubic yards | 641,452 |
| Total expenditure for clearing ice | $13,609.96 |

The clearing of the ice from the sites of the steamship sheds, ferry steamer berths, and other places first required for use, was commenced on March 31, and practically completed on May 11. The maximum force employed was 700 men and 60 carters.

HARBOUR REPAIRS.

The following are the details of the chief items of wharf repairs done in 1903:—

*Section 4, Windmill Point.*—A small repair to the coping and top planking of the wharf at the upper end of the Windmill Point basin was made in July.

*Section 8, Windmill Point.*—The culvert of the waste weir of the canal, near Black's bridge was repaired in connection with the renewal and strengthening already described among new works. On April 25, work was begun rebuilding the cribwork sides of the culvert and renewing the timber covering.

*Section 13.*—The stone crossing, from the gate opening in the flood wall, at St. Peter Street, across the wharf, was widened and relaid.

*Section 17.*—The top of the concrete wharf front between the King Edward and Jacques Cartier piers, was damaged by the frost and ice. The places damaged aggregate 150 feet in length by 6 to 7 feet in height, and the whole was thoroughly repaired by May 27.

*Section 19, Shore Wharf.*—At the junction of the shore wharf with the Victoria pier, the roadway of the wharf, immediately back of the cribwork, was washed out by the winter current. The hole so made was about 50 feet in diameter by an average depth of 5 feet. The work of filling up the hole and bringing it up to proper grade, and macadamizing the top anew was begun April 8, and completed on April 22.

*Section 20, Shore Wharf.*—On the breaking up of the winter ice in the spring it was found that the old cribwork front for a length of 172 feet had been undermined by successive deepenings of the basin in front, and by winter scour, and had given way and slid bodily out. The repairing of the break was commenced early. On April 4, a dredge began clearing away the old cribwork and deepening the site. A new pile wharf was substituted for the former cribwork.

Pile driving began on 1st May, and the wharf was handed over to the harbour master for use, on July 15th. The new pile wharf to replace the old cribwork is 172 eet in length by 35 feet in width.

*Section 20C, Victoria Pier.*—The inshore, downstream end of the Victoria pier, which is of pilework, was damaged by the winter ice; some piles were broken, the caps and stringers broken and displaced, and the planking torn up. The area damaged was 1,525 square feet. On July 28, the work of repairing began by the driving of piles, putting on new caps and stringers where required and renewing the top planking. The work was completed on 22nd August.

*Section 20D.*—Two slips were cut for the ss. *Campana*, near the lower end of the pier, on the north or inshore side. They are 9 feet and 11 feet in width respectively, and extending 20 feet back from the face of the pier. The work began September 21 and was finished on the 29th.

*Section 20C and 20D.*—The pile wharf, forming the inshore half of the projection downstream of the Victoria pier (formerly the Thompson Line berth), was in a very rotten condition. The pile heads, caps, sleepers and planking were unsafe for use.

Renewal of the whole top of the wharf from low water line up was commenced on September 21, when the water had fallen to low summer level. The piles were cut off at low water level and new heads spliced on and new floorbeams, joints and planking built on top. Work was continued until stopped by the rising of the river, December 17, by which time an area of 500 x 50 = 25,000 square feet had been renewed.

A considerable area at the upstream end of wharf yet remains to be renewed.

The old cribwork at the back of the pilework was renewed from low water up throughout a length of 550 feet, in conjunction with renewal of the pile work.

*Section 21.*—The coping and top planking of the wharf were renewed for a length of 52 feet.

The front of the wharf, for about 75 feet in length, was re-enforced by piles being driven and well bolted to the face of the cribwork.

*Section 23.*—The front of the wharf was broken by the heavy shoving of the winter ice, for a length of 123 feet. Two to four courses of face timber were renewed, new ties put in, new sleepers and top planking put on. Work began on 9th May, and finished 22nd May.

*Section 24.*—The front of the wharf was broken by the heavy shoving of the ice. For a length of 150 feet the front timbers were broken for three courses from the top, the planking torn off and some of the piles along the front of the wharf were broken and others torn out. The work of renewal was begun on the 25th April and completed on 8th May. Three new courses of face timbers were put on, new sleepers, and top planking renewed. Piles were also driven to replace those broken or torn out and the whole left in good order.

*Section 28 and 29.*—The shallow water wharf, from the end of the new concrete wharf in section 27, to opposite the jail, section 29, showed signs of weakness, and in order to prevent the winter current and ice from further weakening and possibly undermining the cribwork, piles were driven along the front; 50 piles were driven, close alongside of one another. Similar groups of piles, with alternating spaces, were repeated throughout the total length of 900 feet. The piles were cut off at about three feet above low water line, well bolted to the face of the crib work and a bevelled coping or waling piece, bolted on the top of the piles. The work began on the 3rd and was completed on 25th November.

*Section 30.*—A small repair was made to the top planking and coping of the wharf. New coping for a length of 18 feet was put on, and 50 feet of the top planking was renewed.

*Sections 31 and 33.*—160 piles were driven along the front of the wharf, cut off about three feet above low water, well bolted to the cribwork, and a coping piece bolted on the heads of the piles. 100 lineal feet of the face planking and 80 lineal feet of the top planking were renewed.

*Section 34.*—The wharf, for a length of 90 feet, had pitched slightly forward, and had sunken about 1½ feet at the centre, and showed other signs of weakness. 12 tie rods, of 1⅝ in. diameter steel, 50 feet in length, were put in, well secured to the face timbers anchored to heavy blocks of timbers buried in the earth behind. Fifty piles were driven along the front, cut off at about three feet above low water level, well bolted to the face of the cribwork and a coping bolted on the top of the piles. The face of the wharf was then built up to proper level and the face and top planking renewed. The work was completed on November 2.

*Section 35.*—Some of the piles driven in former years along the front of the wharf, were torn out by the shoving of the ice in the spring, and the coping and top planking of the wharf somewhat broken. Twelve new piles wire driven to replace those torn out, and the coping and top planking renewed for a length of 32 feet. The was finished on July 27.

*Section 36, Denonville Ramp.*—The coping and guard rail of the ramp, on the upstream slope, which were broken by the ice, were renewed for a length of 31 feet.

*Section 37, Dominion Coal Co's. Hochelaga Towers.*—On the clearing away of the winter ice, the wharf leased to the Dominion Coal Co. was found to be damaged in several places, many piles were torn out and the top of the wharf was sunken in many places and the railway track displaced. Seventy-five piles, averaging 46 feet in length were driven along the front, cut off at about 6 feet below the top of the wharf and well bolted to the front. Three thousand two hundred square feet of the top of the wharf was raised, and the planking renewed in part and the railway tracks relaid.

*Section 40.*—The coping, top and face planking of the wharf, which were damaged by the shoving of the ice, were renewed for length of 25 feet of wharf.

*Section 41.*—The top of the wharf was damaged by the shoving of the ice; 30 lineal feet of new coping was renewed, two courses of front timbers renewed for 20 feet, and 30 lineal feet of the top and face planking were renewed.

*Section 42, Laurier Pier.*—The outer upstream corner of the Laurier pier was damaged by the heavy shoving of the ice in spring. The face timbers were pushed back and broken, the coping broken away and the face and top planking were torn off. Three courses of the face timbers of the upstream side and three on the outer face, for a length in each case of 25 feet, were renewed, new ties were put in, and heavy braces behind the face timbers. The crib filling was made up of rock, and the top and face planking, for a total length of 55 feet, were renewed. The work was completed on May 29.

*Section 43, Sutherland Pier.*—Fifty lineal feet of new coping was put on, and the top planking renewed for a length of 20 feet.

MACADAMIZING STONE.

The stone for macadamizing was, as usual, furnished unbroken by contract, and broken by the commissioners' own men.

The quantities used during summer for maintenance were:—

| | Tons. |
|---|---|
| Sections 5 to 10 | 13 |
| " 20 to 34 | 1,134 |
| " 35 to 40 | 8,554 |
| " 41 to 47 | 429 |
| Total tons | 10,130 |

LATRINES, DRINKING TROUGHS, ETC.

The latrines, drinking troughs, wagons, water carts, barrows, life preservers, &c., were thoroughly repaired and painted during the winter and spring.

The storing away of the latrines and other plant was begun on the 7th December and completed on the 15th.

GENERAL REPAIRS AND PATCHING.

The ordinary general repairs to the planking and timber work of the wharfs were carried on throughout the summer.

ROADWAYS.

The completion of the high level shore wharfs and piers between the entrance of the canal and the Victoria pier permitted of their being macadamized, when not previously done, and put into thoroughly good condition.

The repairing and maintenance of the older wharfs was liberally carried out and all the roadways were brought into thoroughly good condition.

MAINTENANCE OF ELECTRIC LIGHTING.

The harbour lighting was continued throughout the summer, by the Montreal Light, Heat and Power Co., under an extension of the contract of 1899. Lighting was commenced on the evening of April 17, with 16 lamps, and 11 lamps were added on the 20th; on the 27th, 55 lamps were in use, and the number was gradually increased to 116 lamps on May 17, and by the 22nd, the whole circuit of 142 lamps was in use; on June 24, two new beacon lamps were added, and two more lights were added on 14th. All the lamps were kept in operation until the night of November 24, when the Windmill Point and Hochelaga lights were discontinued. The lighting of the central portion of the harbour was continued until December 4.

The greatest number of lamps in use at one time was 147, and the total lighting of the season was equivalent to 30,376 lamps for one night.

The total cost was $4,526.25.

DREDGING PLANT.

The dredging plant used in 1903, was all owned and operated by the commissioners. It consisted of four bucket or dipper dredges, one drilling and blasting boat, five floating derricks, five steam screw propeller tugs, three hopper bottomed scows of 200 cubic yards capacity, seventeen deck scows of a capacity of 150 cubic yards, and four of 67½ cubic yards, besides smaller scows, floats, &c. Further particulars of the vessels are given in the annexed tables.

All the dredging plant was wintered afloat, in 1902-3, near the Mackay pier, opposite the workshops, except dredges Nos. 1 and 3, and derrick No. 6, which had been hauled out in the fall of 1902, for extensive repairs during the winter, as also the tug *St. Peter*, for the purpose of rebuilding.

The dredges were served throughout the summer by the tugs *St. Peter*, *St. Louis*, *Aberdeen* and *Robert Mackay*. Service was also rendered about half the time by the *Courier* in carrying men and stores, and occasionally in towing scows, the other half of the service being given to the towing of timber for wharf building.

The dredges all continued steadily at work from their dates of commencement until the close of navigation in the fall.

Dredge No. 1 worked night and day from April 27 till November 25; No. 2 from April 21 till November 12; No. 3 night and day from April 23 till November 30, and No. 4 worked from April 22 to November 25. The night crew on dredge No. 2 was shifted to dredge No. 4 at times during the season, as circumstances required.

The aggregate number of shifts or watches during which they were on duty on the harbour works, reckoning all days of the day dredge and all nights and days of the night-and-day dredges, except those of Sundays and holidays, was: For No. 1, 363 day and night shifts; for No. 2, 261 day and night shifts; for No. 3, 371 day and night shifts, and for No. 4, 288 day and night shifts, making in all 1,283 shifts. The nominal working hours of each shift were eleven, except in spring and fall, when they were ten;

and the aggregate for all the dredges throughout the season was 13,823 hours. The aggregate of actual working time, that is, the time which the dredges actually dredged, exclusive of that lost for repairs, changing positions, detention by ships, irregularities of scow service and all other causes, was 8,885¾ hours, or an average of 64 per cent, of the nominal working hours. The percentage of time of actual working is rather small, mainly because of the conditions incident to night work. Repairs, changing of buckets, changing of places of work, overtaking irregularities in scow service and such like, which, when working by day only could be made good by overtime, must, when working both night and day, be made good in working hours, and therefore involve detention.

Derricks Nos. 1 and 3 commenced night and day work on April 10, clearing ice off wharfs; No. 5 commenced on April 7, and worked by day only; No. 4 commenced day and night work on April 13, and No. 6 on the April 16.

Day and night work was stopped on all the derricks between November 19 and 26.

Drilling and blasting was commenced by the drill boat on May 1 and work was continued by day until July 13 and by night and day from that date to November 26.

*Sections 12 to 14.*—About 100 feet in width by 350 feet in length along the north face of Windmill Point wharf, section 11, was cleaned by dredging, also another strip about 80 feet wide by 300 feet long at the Allan berth, section 12, near the mouth of Lachine Canal. Area dredged, 59,000 square feet (1.36 acres); materials, hard pan and rock.

Quantity, 9,588 cubic yards. Expenditure, $1,838.45. Cost per cubic yard: Dredging, 12.45 cents; unloading by derricks, 6.77 cents.

Of this amount $1,459.98 was charged to places where the material was used and $378.47 to dredging account.

*Sections 12S to 16S.*—An area of 138,800 square feet (3.186 acres) was cleared off to rock bottom, partly in preparation to obtain clean rock for concrete and to extend the basin, depth made 22 feet to 27 feet at low water. Materials, chiefly silt, stones and hard pan. Another area of 98,800 square feet (2,268 acres) was dredged to depths of 31 feet to 37 feet at low water, to obtain rock for concrete and to extend deep water area of basin. Material, chiefly shale rock, with seams of trap.

Total quantity, sections 12S to 16S, 139,626 cubic yards. Expenditure, $34,799.84. Cost per cubic yard, dredging, 18.35 cents; unloading by derricks, 6.77 cents.

Of this amount $21,634.35 was charged to places where the material was used and $13,165.49 to dredging account.

*Sections 20A-20B.*—An area of 40,000 square feet (0.92 acre) was deepened to 36 feet to 37 feet at low water. Materials, silt and stones.

Quantity, 25,950 cubic yards. Expenditure, $8,033.04. Cost per cubic yard: Dredging, 24.18 cents; unloading by derricks, 6.77 cents.

Of this amount $4,062.94 was charged to places where the material was used and $3,970.10 to dredging account.

DREDGING, MAKING CRIB FOUNDATIONS, BASINS, ETC.

The cost and character of the dredging in different parts of the harbour in 1903 are given below. All the quantities are either scow measurement from the tallied number of flat deck scow loads of measured average capacity, or box measurement from the tallied number of boxes placed on scows, containing four cubic yards per box.

The cost of dredging in each case includes its proportion of all the cost of maintaining and working the dredges, tugs and scows, but does not include the cost of unloading the dredgings from scows by derricks, which is separately given.

*Sections 7S to 11S, Windmill Point.*—Dredging for crib foundations comprised an area of about 88,920 square feet (2.04 acres), being chiefly blasted rock with a small proportion of unblasted rock.

Quantity, 55,619 cubic yards. Expenditure, $15,346.28. Cost per cubic yard: dredging, 20.9 cents; unloading by derrick, 6.77 cents.

Of this amount, $7,673.12 was charged to places where the materia was used and $7,673.16 to dredging account.

*Sections 7S to 11S, and sections 7 to 11, Windmill Point Basin.*—The dredging was partly of blasted rock, partly cleaning up areas formerly dredged and partly in solid rock, deepening the basin to 30 feet clear depth at extreme low water. Area dredged, 343,105 square feet (7.876 acres).

Quantity, 266,502 cubic yards. Expenditure, $70,089.36. Cost per cubic yard: dredging, 19.65 cents; unloading by derricks, 6.77 cents.

Of this amount, $35,044.69 was charged to places where the material was used and $33,044.67 to dredging account.

*Sections 20-21.*—About 208 feet in length of old cribwork fell forward into the basin. The old cribs and debris were cleared away to allows repairs to be made.

Quantity, 4,050 cubic yards. Expenditure, $918.75. Cost per cubic yard: dredging, 15.91 cents; unloading by derricks, 6.77 cents.

Of this amount, $459.38 was charged to places where the material was used, and $459.37 to dredging account.

*Sections 23-24.*—Dredging was done here to make foundations for the new wharf cribs, and consisted in clearing off debris, hard pan, &c., and levelling the rock deposited for foundations where scouring to great depths had occurred.

Quantity, 8,850 cubic yards. Expenditure, $3,007.03. Cost per cubic yard: dredging, 27.2 cents; unloading by derricks, 6.77 cents.

Of this amount, $1,503.53 was charged to places where the material was used, and $1,503.50 to dredging account.

*Secttons 28 to 39, new channel through St. Mary's Current.*—Areas in this channel aggregating 1,195,000 square feet (27.4 acres) were dredged in general to 33 feet depth at extreme low water. Shale rock was reached at five points at depths of 29 feet 6 inches to 33 feet at extreme low water. Material dredged, nearly all coarse gravel and stones, a small proportion being silt and clay.

Quantity, 300,675 cubic yards. Expenditure, $81,686.09. Cost per cubic yard: dredging, 20.39 cents; unloading by derricks, 6.77 cents.

Of this amount, $40,843.03 was charged to places, where the material was used and $40,843.06 to dredging account.

*Section 47, Maisonneuve.*—An area of 14,000 square feet (0.3 acre) was dredged to 32 feet depth at extreme low water, chiefly to obtain sand for blinding macadamized wharf areas and, early in the year, in order to obtain material which could be handled cheaply for the purpose of completing the berth, section 17 which was urgently needed for the accommodation of ships. The dredging was done on the line of future wharf cribs and basin areas extension at Maisonneuve.

Quantity, 43,650 cubic yards. Expenditure, $10,854.85. Cost by cubic yard: dredging, 18·09 cents; unloading by derricks, 6·77 cents.

Of this amount $5,427.43 was charged to places where the material was used and $5,427.42 to dredging account.

*Aggregate Dredging.*—The aggregate quantity dredged at all places during the year was 854,510 cubic yards, box and scow measurement, and the average cost was 19·02 cents per yard. The material was carried on flat scows, either on the open deck from which it was unloaded by clam shells and floating derricks, or in four-yard boxes which were lifted and dumped by the derricks. All the dredged stuff thus unloaded by derricks was deposited in or behind cribwork for wharf building, and on the guard pier. The average cost of the whole derrick work, apart from the scow service, was 6·77 cents per cubic yard, scow or box measurement.

*Rock Blasting, Windmill Point Basin and Crib Seats.*—The rock drilled and blasted was Utica shale and trap, the trap being imbedded in the shale in beds, veins and pockets, in the proportion of about three-quarters of trap to one-quarter shale;

grade line of finished bottom, 37 feet to 30 feet below water surface at the time of working.

Grade of finished bottom on crib seats below extreme low water surface, 28 ft.; grade of finished bottom in Windmill Point basin, 30 ft. Drill boat worked day and night from July 13 to November 26, 1903:—working days, May 1 to November 26, 291; working time per day, 11 hours; number of holes drilled and blasted on crib seats, 2,039; number of holes re-drilled and blasted on crib seats, 227; number of holes drilled and effectively blasted in Windmill Point basin, 1,158; average depth of each hole in rock in first blasting on crib seats, 9·3 ft.; average depth of each hole in rock in re-drilling on crib seats, 2·8 ft.; average depth of each hole in rock in drilling in Windmill Point Basin, 10·3 ft.; average depth of each hole on crib seats from surface of water when drilling was done, 33·75 ft.; average depth of each hole on crib seats from surface of water when drilling was done, in Windmill Point basin, 36·16 ft.; quantity of rock drilled and effectively blasted, measured in solid, to six inches below finished bottom, on crib seats, 22,200 cubic yards: quantity of rock drilled and effectively blasted, measured in solid, to six inches below finished bottom, on crib seats, in basin, 13,409 cubic yards. Total quantity, 35,609 cubic yards.

Cost of blasting crib seats, $15,648.70; cost of blasting in basin, $9,452.66; total cost, including depreciation of plant, $25,101.36. Average cost per cubic yard, measured in solid, 70·489 cents.

The total outlay for working the whole fleet, except the drill boat, was $226,736.26, which embraces the entire cost of working the plant and machinery, including repairs, outfit, wages, salaries, management charges, insurances, allowance for depreciation of plant, and all charges of every kind, except interest on capital. The allowance for depreciation of plant is $19,257.26, and it includes not only the estimated depreciation of the plant in use in 1903, but that upon all the commissioners dredging plant whether in use or not. It is also to be noted in making comparison with previous years the depreciation was not included in the cost of dredging in any year previous to 1899.

The cost of maintaining and working the four dredges was $90,640.01, or an average of $70.64 per day per dredge and average of 10.6 cents per cubic yard dredge.

The cost of maintaining and working the five floating derricks for unloading scows was $57,368.62, or $36.91 average per day per derrick for 1,554 days' aggregate service, unloading dredge material and an average of 6.77 cents per cubic yard.

The cost of maintaining and working the five tugs which attended the dredges was $44,673.85, an average of 25.64 per tug per day, and an average of 5.23 cents per cubic yard dredged.

The cost of the scow service was $34,054.28, an average of 3.98 cents per cubic yard dredged.

The following are the comparative quantities and costs of dredging and unloading 903 and for previous years:

| Years. | Cubic Yards Dredge. | Total Costs Dollars. | Cost per Cubic Yard Cents. | Kind of dredges employed. |
|---|---|---|---|---|
| 1875 | 151,719 | 68,979 | 45 | |
| 1876 | 156,082 | 55,462 | $35\frac{50}{100}$ | |
| 1877 | 173,499 | 45,103 | 26 | |
| 1878 | 211,731 | 48,748 | 23 | |
| 1879 | 189,609 | 41,006 | $21\frac{63}{100}$ | |
| 1880 | 186,430 | 46,914 | $25\frac{16}{100}$ | |
| 1881 | 170,764 | 54,128 | $31\frac{70}{100}$ | |
| 1882 | 187,339 | 53,598 | $28\frac{60}{100}$ | Spoon dredges and stone lifters. |
| | 9,429 | 13,254 | $\$1.40\frac{60}{100}$ | Elevator dredges. |
| | 196,768 | 66,852 | $33\frac{96}{100}$ | Totals and average. |
| 1883 | 36,358 | 17,956 | $49\frac{38}{100}$ | Spoon dredges and stone lifters. |
| | 6,990 | 19,385 | $\$2.77\frac{10}{100}$ | Elevator dredges; lifting rock and boulders and clearing up. |
| | 43,348 | 37,341 | $86\frac{14}{100}$ | Totals and average. |
| 1884 | 125,648 | 49,468 | $39\frac{37}{100}$ | Spoon dredges and stone lifters. |
| 1885 | 69,494 | 28,563 | $41\frac{10}{100}$ | " " " |
| 1886 | 57,728 | 25,772 | 44 | " " " |
| 1887 | 36,993 | 23,259 | 62 | " " " |
| 1888 | 73,150 | 36,690 | $50\frac{16}{100}$ | " " " |
| | 2,077 | 1,333 | $64\frac{14}{100}$ | Elevator dredges. |
| | 75,227 | 38,023 | $50\frac{54}{100}$ | Totals and average. |
| 1889 | 205,283 | 54,574 | $26\frac{58}{100}$ | Spoon dredges and stone-lifter. |
| | 9,420 | 2,996 | $31\frac{80}{100}$ | Elevator dredge. |
| | 214,703 | 57,570 | $26\frac{81}{100}$ | Totals and average. |
| 1890 | 186,670 | 53,674 | $28\frac{60}{100}$ | Spoon dredges and stone-lifter. |
| 1891 | 259,267 | 49,571 | $19\frac{13}{100}$ | Spoon dredges. |
| | 43,290 | 14,232 | $32\frac{87}{100}$ | Elevator dredge. |
| | 302,557 | 63,803 | $21\frac{7}{100}$ | Totals and average. |
| 1892 | 361,947 | 93,595 | $25\frac{86}{100}$ | Spoon dredges. |
| 1893 | 235,280 | 93,050 | $39\frac{55}{100}$ | " |
| 1894 | 312,430 | 98,858 | $31\frac{64}{100}$ | " |
| 1895 | 496,528 | 99,400 | $20\frac{2}{100}$ | " |
| 1896 | 401,938 | 103,317 | $25\frac{70}{100}$ | " |
| 1897 | 284,844 | 68,211 | $23\frac{95}{100}$ | " |
| 1898 | 456,458 | 61,012 | $13\frac{37}{100}$ | " |
| 1899 | 963,131 | 100,163 | $10\frac{77}{100}$ | " |
| 1900 | 1,323,871 | 163,541 | $12\frac{25}{100}$ | " |
| 1901 | 1,359,221 | 190,242 | 14 | " |
| 1902 | 1,179,726 | 217,986 | $18\frac{48}{100}$ | " |
| 1903 | 854,510 | 226,736 | $26\frac{53}{100}$ | " |

Interest and depreciation are not included in cost as given here.

sdepre- and expense inte

'he repairs to the hulls and machinery of the dredging fleet were, as usual, made e commissioners' own men, with the exception of some heavy machine work and g, and the making of castings, which were done at neighboring shops. The repairs h dredges and derricks were heavy, mainly for the reason that they were worked lay and night, and that the dredging, where not in rock, was in very tough silt, required the utmost power of the dredges to break it up.

The following are the principal items of repairs made to the vessels during the year :—

*Dredge No. 1.*—Crank discs of main engine were re-keyed; new rings put in piston on starboard side of main engine; four new cylinder cocks were put on main engine; the four-way valve on stern spud cylinder was renewed; the thread and nuts of pump slide valve spindle were renewed. The A frame head had new bolts put in. Straps for holding back stays to kelsons renewed. The lower ends of the trusses of the boom were rebuilt, and the steel plates and shapes were replaced by steel castings; new brackets for friction box put on boom; one lower keeper hinge repaired; the boom stay and two lower spud wires renewed. New side planking and frames; new bilge kelsons put in; hog frame braces strengthened with plates; blocking for pillow block of 6 ft. sheave in hold renewed; forward cross-beam put in; new deck and covering board. Most of the heavy repairs were done in winter, and for this purpose the dredge was hauled out in the fall of 1902.

*Dredge No. 2.*—Large eye of main friction driving belt reforged so as to clear friction surface; link motion and crossheads of main engine refitted; new joint made between head and frame on port cylinder, main engine; new wood lagging put on cylinders, of main engine; gland of thrust cylinder bushed and re-bored; main engine piston rods returned; glands of main engine bushed and re-bored; rings of piston in electric light engine renewed; new pin put in valve rod of electric light engine; crank discs of winch engine refitted; four capstans lifted and relined throughout; new pivot casting for foot of boom; studs in friction box renewed; loose rivets in dipper handle replaced by new ones; new cap put on A frame; safety valves re-ground and collars put in to stiffen the springs; boiler furnaces re-riveted at flanges; forty-four new tubes put in boiler; three new stay bolts put in furnace end of boiler by order of boiler inspector; brackets of inside belt of backing rigging re-riveted; both back stays for A frame renewed; one part of boom stay replaced; two new plungers, one new crosshead and one new gland put on small pump.

*Dredge No. 3.*—Six foot sheave renewed at foot of boom; six foot sheave in hold replaced by new one in two halves; idler sheave on boom for carrying hoisting wire renewed; sheave in hold for carrying backing chain renewed; iron gear for swinging engine replaced by a cast steel one; valve seats of small pump renewed; piston rods of main engine re-turned; piston of main engine refitted; bushed and re-bored glands of main engines; repaired top keeper on port side; new flange put on exhaust pipe of swinging engine; repairs done to main steam pipe; all loose rivets in arm and boom replaced; crank shaft bearing of stern winch rebabbitted. The forward and stern crossbeams of dredge were repaired by putting plates on side; the forward and stern braces to hog fames were repaired by plates; deck was patched up. Most of the heavy repairs were done in winter, and for this purpose the dredge was hauled out in the fall of 1902.

*Dredge No. 4.*—Port cylinder re-bored and new piston made for main engine; link motion was all refitted; new rings put in piston of electric light engine; slide valve of electric light engine refaced; new key put in crank discs of swinging engine; new fibre put on driving belts of backing drum and stern anchor drum; dipper handle was re-riveted.

*Derrick No. 1.*—Bearings of hoisting drum were rebabbitted; caps of bearings of trip drums were rebabbitted; complete set of new operating valves were built for the thrust cylinders; drain cocks were put in covers of thrust cylinders; dowels in crank pins, main engine, were renewed; new pins were put in forked end of connecting rods on the swinging engines; intermediate gear had new key; exhaust pipe of swinging engine had a new flange put on at the cylinder; steam pipe, swinging engine, had a new 2 inch globe valve at boiler; the rocking pattern of grate bars were taken out and old style of stationary bars installed; head sheet flanging of boiler was recaulked; put in new baffle plate in smoke box; new liner put on door of smoke box; shaft of forward spud drum was found cut, so gear was bored out and babbit cast around shaft. Some new side frames put in hull; slight repairs done to deck.

*Derrick No. 3.*—Link blocks were all overhauled and refitted; new gear was put on hoisting drum; bushings on shaft of trip drum had dowel pins fitted to keep them from turning; trip drum bearings were rebabbitted; complete set of new operating valves were built for thrust cylinders; exhaust pipe of main engine was renewed; the bearings of swinging engine drum were rebabbitted; the bearings of intermediate shaft, swinging engine, were rebabbitted; piping of swinging engine refitted; head sheet around flanging in smoke box recaulked; patch out on shell in smoke box; new baffle plates put in smoke box; tubes expanded in firebox end of boiler; new lining put on furnace door; the rocking pattern of grate bars replaced by old style of bars; safety valves re-ground; new try cocks were put on boiler; collars were put on shaft of stern anchor drum to keep drum from shifting; both capstans were lifted and plates on deck bushed with bronze bushes.

*Derrick No. 4.*—Complete set of new operating valves were built for thrust cylinders; drain cocks were put in covers of thrust cylinders; steam pipe of main engine was refitted; forked end of connecting rods, swinging engine, had new pins; pistons of the swinging engine were refitted; gears of swinging engine were lined up so as to mesh properly; new globe valve was put on steam pipe at boiler; exhaust for swinging engine was changed and put above; furnace door had new lining; new try cocks and pit cock at bottom of water column of boiler; bevel gear on anchor shaft was refitted; casting on starboard side, holding leg of A frame to hull, was renewed; the bolting through the spud slide and the casting for the foot of the A frame on the port side was overhauled and plates put on where bolts were sinking into wood.

*Derrick No. 5.*—Complete set of operating valves for thrust cylinder put in; piston of main engines refitted with new rings; gears of swinging engines lined up and made to mesh properly; patch put on the shell of smoke box; new liner put on furnace door; electric light engine overhauled; boiler was recovered with asbestos covering. Front deck was repaired.

*Derrick No. 6.*—Bearings of trip drum were rebabbitted; complete set of new operating valves were built for thrust cylinders; put in drain cocks in covers of thrust cylinders new key in bevel gear anchor drum shaft; new pins put in forked end of connecting rods of swinging engine; pistons of swinging engine refitted; new key put in intermediate gear of swinging engine; new pins put in socket of valve spindle of throttle valve; new key put in pinion on crank shaft; put patch on shell in smoke box; some tubes re-expanded; safety valves reground; new try cocks put on boiler; new lining put on furnace door; new grate bars put in; main clutches of anchor drums were lined up; all anchor drums lifted and lined up. New forward slides put in for 21 x 27 inch spuds; new A frame put up; deck and hull were repaired where rotten. Derrick hauled out in fall, for winter repairs, on Commissioner's hauling out slip at Guard Pier.

*Tug Aberdeen.*—Bushes of high pressure valve chest rebored and new valve put in; cast bronze around main valve spindle; new spindle put in for cut-off valve; pistons taken out and new rings put in valves and new set screws put in plungers; both cylinders were logged with wood similar to Mackay; part of suction pipe for injector renewed; new smoke stack and hood put on; coal bunkers were scraped painted and lined with wood; smoke box of boiler was repaired where plating was bad; engines of steering gear was throughly overhauled and new sprocket and chain put on; brackets with rollers were placed for tiller ropes at places where wires tend to cut bulkhead; new stem was put in throttle valve; new spindle and valve put in one safety valve. Rail of tug was patched; small repairs done to wheelhouse.

*Tug Robert Mackay.*—The high pressure piston was refitted and ground; horse shoes of thrust block were rebabbitted on the go-ahead side; new key put in high pressure eccentrics; new throttle valve put in with bevelled seats; oil pipes for crank pin put in so as to oil while engine was in motion; air pump thoroughly overhauled, 48 new valves put in and 15 springs; all leaky joints of boiler were re-caulked; a number of leaky rivets in fire box were upset; plunger of feed pump was found to be cracked, put

in new one of brass; a positive oil feed pump were put in to replace lubricator of main engine; lubricator of air pump was moved up to engine room; steering gear was throughly overhauled. Rail of tug was patched up.

*Tug St. Peter.*—The tug *St. Peter*, which was built in the winter of 1874-5, was hauled out in the fall of 1902 and was built almost entirely new. The hull was entirely new except the keel and stern-post. The engine was all renewed except main framing, cross-head connecting-rod and crank shaft. A new Fitzgibbon boiler was put in, a new steam steering gear was installed.

*Drill boat.*—Large pump had new valve rod and glands; both small pumps were thoroughly overhauled; a small engine of blacksmith's forge was repaired; all the drills were overhauled and repaired where necessary; large boiler had new ash pan and new lining for door; small boiler had new tubes and crown sheets; both boilers had new grate bars; speed engines were overhauled and the valve-seats re-bored and new valves made; safety valves were re-ground. Deck under large and small boilers was renewed; blocking under pumps was renewed; roof was repaired.

Appended are tables giving additional particulars of the dredging work and dredging plant in 1903.

Yours respectfully,

JOHN KENNEDY,
*Chief Engineer.*

## HARBOUR DREDGING.

STATEMENT showing particulars of cost of working the different vessels employed in Harbour Dredging in 1903.

| Vessels. | Repairs and Maintenance. | Fuel. | Wages of Crews. | Proportion of Salaries of Staff. | Estimated Depreciation of Plant. | Grand Totals. Cost. | Grand Totals. Total Cost. | Service, Days or Nights. | Cost per Day or Night. |
|---|---|---|---|---|---|---|---|---|---|
| | $ cts. | $ cts. | $ cts. | $ cts. | $ cts. | $ cts. | $ cts. | | $ cts. |
| Dipper dredge No. 1 | 13,097 55 | 3,058 77 | 7,995 01 | 765 85 | 1,360 62 | 26,277 80 | ..... | 363 | 72 39 |
| " No. 2 | 7,014 62 | 2,623 53 | 6,067 98 | 513 91 | 1,402 29 | 17,622 33 | ..... | 261 | 67 51 |
| " No. 3 | 13,358 07 | 4,070 30 | 8,156 31 | 815 99 | 1,599 31 | 27,999 98 | ..... | 371 | 75 47 |
| " No. 4 | 6,156 55 | 2,808 91 | 6,523 07 | 546 44 | 2,704 93 | 18,739 90 | ..... | 288 | 65 06 |
| Totals | 39,626 79 | 12,561 51 | 28,742 37 | 2,642 19 | 7,067 15 | ..... | 90,640 01 | 1,283 | 70 64 |
| Floating derrick No. 1 | 1,388 41 | 1,696 63 | 6,263 61 | 326 34 | 753 04 | 10,428 03 | ..... | 343 | 30 40 |
| " No. 3 | 2,077 02 | 1.825 59 | 6,345 61 | 361 63 | 1,060 31 | 11,670 16 | ..... | 346 | 33 72 |
| " No. 4 | 2,773 22 | 1,555 58 | 6,180 62 | 338 69 | 514 03 | 11,362 14 | ..... | 351 | 32 37 |
| " No. 5 | 3,161 79 | 640 77 | 4,990 38 | 280 10 | 516 88 | 9,589 92 | ..... | 170 | 56 41 |
| " No. 6 | 5,340 34 | 1,708 72 | 6,355 40 | 417 74 | 496 17 | 14,318 37 | ..... | 344 | 41 62 |
| Totals | 14,740 78 | 7,427 29 | 30,135 62 | 1,724 50 | 3,340 43 | ..... | 57,368 62 | 1,554 | 36 91 |
| Tug Robert Mackay | 1,740 73 | 4,949 34 | 4,886 11 | 388 90 | 1,362 55 | 13,327 63 | ..... | 455 | 29 29 |
| " Aberdeen | 3,076 21 | 4,677 59 | 4,784 91 | 405 56 | 955 62 | 13,899 89 | ..... | 455 | 30 55 |
| " St. Peter | 803 01 | 1,321 84 | 2,115 13 | 147 73 | 598 79 | 5,076 50 | ..... | 200 | 25 38 |
| " St. Louis | 946 84 | 1,229 15 | 1,919 49 | 122 79 | 1 19 | 4,219 46 | ..... | 193 | 21 87 |
| " Courier | 182 90 | 361 57 | 1,345 17 | 61 42 | 160 09 | 2,111 15 | ..... | 223 | 9 46 |
| Tugs Dunbar and Nasmith | 3,108 82 | 1,051 83 | 1,700 40 | 177 67 | ..... | 6,071 45 | ..... | 216 | 28 10 |
| Totals | 9,948 51 | 13,591 32 | 16,751 21 | 1,304 07 | 3,078 24 | ..... | 44,673 35 | 1,742 | 25 64 |
| Scows and sundry plant | 26,995 63 | 32 24 | ..... | 1,254 97 | 5,771 44 | ..... | 34,054 28 | | |
| Grand totals | 91,311 66 | 33,612 36 | 75,629 20 | 6,925 73 | 19,257 26 | ..... | 226,736 26 | | |

## List of Harbour Commissioners' Dredging Plant, 1903.

| Description of Vessel. | Hull. | | | | Engines. | | | | | Capacity of Bucket. | Depth to which Dredge can work. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Length. | Breadth. | Depth. | When Built. | Kind of Engine. | No. of Cylinders. | Dia. of Cylinders. | Length of Stroke. | Pressure of Steam. | | | |
| *Dredges.* | Ft. in. over all. | Ft. in. Beam. | Ft. in. over all. | | | | Inches. | Inches. | | C. Yds. | | |
| Boom Spoon Dredge, No. 1 | 90 0 | 36 0 | 9 6 | 1890-1 | Horizontal non-condensing. | 2 | 16 | 18 | 110 | 7 | 40 | Wooden hull. |
| " " No. 2 | 90 0 | 36 0 | 10 3 | 1892 | | 2 | 16 | 18 | 128 | 7 | 40 | " |
| " " No. 3 | 90 0 | 36 0 | 10 3 | 1894 | | 2 | 16 | 18 | 120 | 7 | 40 | " |
| " " No. 4 | 90 0 | 36 0 | 10 9 | 1900 | | 2 | 16 | 18 | 140 | 7 | 40 | Steel hull. |
| *Derricks.* | | | | | | | | | | | | |
| Clam Shell Derrick, No. 1 | 76 0 | 27 6 | 8 0 | 1899 | Horizontal non-condensing. | 2 | 12 | 14 | 110 | ..... | ..... | Wooden hull. |
| " " No. 3 | 76 0 | 27 6 | 8 0 | 1900 | | 2 | 12 | 14 | 110 | ..... | ..... | " |
| " " No. 4 | 75 0 | 26 10 | 7 6 | 1892 | | 2 | 12 | 14 | 110 | ..... | ..... | " |
| " " No. 5 | 75 0 | 26 10 | 7 6 | 1892 | | 2 | 12 | 14 | 110 | ..... | ..... | " |
| " " No. 6 | 75 0 | 26 10 | 7 6 | 1892 | | 2 | 12 | 14 | 110 | ..... | ..... | " |
| Drilling and Blasting Boat | 80 0 | 27 0 | 5 6 | 1895 | ..... | ..... | ..... | ..... | 110 | ..... | ..... | Three 5-in. steam drills rebuilt. |
| *Tug Boats.* | | | Hold. | | | | | | | | | |
| Tug St. Louis | 67 6 | 15 0 | 8 7 | 1875 | Vertical non-condensing. | 1 | 16 | 20 | 72 | ..... | ..... | Wooden hull rebuil 1902. |
| " St. Peter | 71 6 | 16 6 | 8 6 | 1875 | | 1 | 20 | 22 | 135 | ..... | ..... | " |
| " Courier | 36 9 | 9 3 | 6 2 | 1900 | | 1 | 10 | 12 | 125 | ..... | ..... | Composite hull. |
| " Aberdeen | 79 3 | 18 3 | 9 0 | 1895 | Vertical condensing. | 1<br>1 | 16<br>32 | 24 | 125 | ..... | ..... | Steel hull. |
| " Robt. Mackay | 81 9 | 17 6 | 10 0 | 1899 | | 1<br>1 | 16<br>32 | 24 | 140 | ..... | ..... | " |
| | | | Over all | | | | | | | | | |
| Testing Boat | 73 3<br>73 3 | 14 0<br>14 0 | 3 1<br>3 1 | 1897 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | Two wooden scows, braced 16 ft. apart. |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1 | Flat deck Scow, | No. 17 | 75 0 | 20 2 | 6 0 | 1876 | 67½ cubic yds. | All wood. |
| 1 | " " | No. 18 | 75 4 | 20 4 | 6 3 | 1876 | 67½ " | " |
| 1 | " " | No. 19 | 75 6 | 20 3 | 6 5 | 1878 | 67½ " | " |
| 1 | " " | No. 20 | 75 6 | 20 3 | 6 3 | 1878 | 67½ " | " |
| 2 | " " | Nos. 21 & 22 | 85 0 | 25 0 | 7 5 | 1891 | 150 " | " |
| 2 | " " | Nos. 23 & 24 | 85 0 | 25 0 | 6 9 | 1891 | 150 " | " |
| 5 | " " | Nos. 25 to 29 | 85 0 | 25 0 | 6 9 | 1892 | 150 " | " |
| 5 | " " | Nos. 31 to 35 | 85 0 | 25 0 | 6 9 | 1893 | 150 " | " |
| 2 | Dump Scows, | Nos. 36 & 37 | 106 0 | 26 10 | 9 6 | 1899 | 200 " | " |
| 1 | " " | No. 38 | 106 0 | 26 10 | 9 6 | 1900 | 200 " | " |
| 2 | Flat Deck, | Nos. 39 & 40 | 85 0 | 25 0 | 6 9 | 1903 | 150 " | " |

Flat Scow No. 30 was seriously damaged in 1903 and was broken up.

## HARBOUR DREDGING.

STATEMENT showing the number of days worked by each Dredge and the quantity dredged at each place in the Harbour of Montreal in 1903.

| Dredges. | Place at which Dredging was done. | Time of Service. Days. | Time of Service. Total. | Quantity Dredged. Cubic Yards | Quantity Dredged. Total Yards | Character of Soil. |
|---|---|---|---|---|---|---|
| Dredge No. 1... | Windmill point cribs, sections 7s to 11s..... | 41 | | 24,367 | | Chiefly blasted rock with small proportion unblasted. |
| | " basin, sections 7 to 11 and 7s to 11s..... | 251 | | 160,331 | | Partly blasted and part solid rock and cleaning up. |
| | Basin between canal and Alexandra pier, sections 12 to 14..... | 7 | | 8,350 | | Hardpan and rock. |
| | Shoal between Mackay and Alexandra piers, sections 12s and 14s..... | 43 | | 33,042 | | Silt, stones and hardpan. |
| | Crib seats, sections 23..... | 18 | | 8,850 | | Hardpan and cleaning up. |
| | Ship channel, sections 22 to 39..... | 3 | | 1,800 | | Coarse gravel and stones, some silt and clay. |
| | | | 363 | | 236,740 | |
| " No. 2... | Windmill point cribs, sections 7s to 11s..... | 19 | | 20,604 | | Chiefly blasted rock, with small proportion unblasted. |
| | " basin, sections 7 to 11 and 7s to 11s..... | 38 | | 41,050 | | Partly blasted and part solid rock and cleaning up. |
| | Basin between canal and Alexandra pier, sections 12 to 14..... | 2 | | 1,238 | | Hard pan and rock. |
| | Shoal between Mackay and Alexandra piers, sections 12s to 14s..... | 92 | | 58,153 | | Silt, stones and hard pan. |
| | Military basin, sections 20 and 21..... | 5 | | 4,050 | | Old cribs and debris. |
| | Ship channel, sections 22 to 39..... | 59 | | 51,750 | | Coarse gravel and stones, some silt and clay. |
| | Maisonneuve, sections 46 and 47..... | 46 | | 33,000 | | Silt and sand. |
| | | | 261 | | 209,845 | |
| " No. 3... | Windmill point cribs, sections 7s to 11s..... | 15 | | 7,800 | | Chiefly blasted rock, with small proportion unblasted. |
| | Shoal between canal and Alexandra pier, sections 12s to 14s..... | 5 | | 2,100 | | Silt, stones and hard pan. |
| | Shoal between Mackay and Victoria piers, sections 2 a and 20b..... | 32 | | 17,100 | | Silt and stones. |
| | Ship channel, sections 22 to 39..... | 312 | | 194,925 | | Coarse gravel and stones, some silt and clay. |
| | Maisonneuve, sections 46 and 47..... | 7 | | 6,000 | | Silt and sand. |
| | | | 371 | | 227,925 | |
| " No. 4... | Windmill point cribs, sections 7s to 11s..... | 13 | | 2,848 | | Chiefly blasted rock, with small proportion unblasted |
| | " basin, sections 7 to 11 and 7s to 11s..... | 110 | | 65,121 | | Partly blasted and partly solid rock and cleaning up. |
| | Shoal between Mackay and Alexandra piers, sections 12s to 14s..... | 51 | | 49,931 | | Silt, stones and hard pan. |
| | Shoal between Mackay and King Edward piers, sections 15s and 16s..... | 7 | | 5,400 | | " " " |
| | Shoal between Mackay and Victoria piers, sec- | | | | | |

| | | | | | |
|---|---|---|---|---|---|
| tions 20a and 20b | 15 | | 8,850 | | Silt and stones. |
| Ship channel, sections 22 to 39 | 84 | | 52,200 | | Coarse gravel and stones, some silt and clay. |
| Maisonneuve, sections 46 and 47 | 8 | 288 | 4,650 | 180,000 | Silt and sand. |
| Grand total | | 1,283 | | 854,510 | |

## HARBOUR DREDGING.

**Statement** showing the number of days worked by each dredge, and the quantity dredged at each place in the Harbour of Montreal in 1903.

| Places where Dredges worked. | Vessels. | Time of Service. | | Quantity Dredged. | | Character of Soil. |
|---|---|---|---|---|---|---|
| | | Days. | Total. | Cubic yards. | Total. | |
| Windmill point crib seats, sections 7s to 11s.... | Dredge No. 1... | 41 | | 24,367 | | Chiefly blasted rock, with small proportion of unblasted [rock. |
| " " " " .... | " 2... | 19 | | 20,604 | | " " " " " |
| " " " " .... | " 3... | 15 | | 7,800 | | " " " " " |
| " " " " .... | " 4... | 13 | | 2,848 | | " " " " |
| | | | 88 | | 55,619 | |
| Windmill point basin, sec. 7 to 11 and 75 to 115. | Dredge No. 1... | 251 | | 160,331 | | Partly blasted and partly solid rock and cleaning up. |
| " " " " | " 2... | 38 | | 41,050 | | " " " " " |
| " " " " | " 4... | 110 | | 65,121 | | " " " " " |
| | | | 399 | | 266,502 | |
| Basin, sections 12 to 14..... | Dredge No. 1... | 7 | | 8,350 | | Hard pan and rock. |
| " " " ..... | " 2... | 2 | | 1,238 | | " " |
| | | | 9 | | 9,588 | |
| Shoal, sections 12s to 14s ..... | Dredge No. 1... | 43 | | 33,042 | | Silt, stones and hard pan. |
| " " " ..... | " 2... | 92 | | 58,153 | | " " |
| " " " ..... | " 3... | 5 | | 2,100 | | " " |
| " " " ..... | " 4... | 51 | | 40,931 | | " " |
| | | | 191 | | 134,226 | |
| Shoal, sections 15s and 16s..... | Dredge No. 4... | 7 | | 5,400 | | Silt, stones and hard pan. |
| | | | 7 | | 5,400 | |
| Shoal, sections 20a and 20b..... | Dredge No. 3... | 32 | | 17,100 | | Silt and Stones. |
| " " " ..... | " 4... | 15 | | 8,850 | | " |
| | | | 47 | | 25,950 | |
| Military basin, sections 20 and 21..... | Dredge No. 2... | 5 | | 4,050 | | Old cribs and debris. |
| | | | 5 | | 4,050 | |
| Crib seats, sections 23 and 24..... | Dredge No. 1... | 18 | | 8,850 | | Hard pan and cleaning up. |
| | | | 18 | | 8,850 | |
| Ship channel, sections 28 to 39..... | Dredge No. 1... | 3 | | 1,800 | | Coarse gravel and stones, some silt and clay. |
| " " " ..... | " 2... | 59 | | 51,750 | | " " " " |
| " " " ..... | " 3... | 312 | | 194,925 | | " " " " |
| " " " ..... | " 4... | 84 | | 52,200 | | " " " " |
| | | | 458 | | 300,675 | |
| Maisonneuve, sections 46 and 47..... | Dredge No. 2... | 46 | | 33,000 | | Silt and sand. |
| " " " ..... | " 3... | 7 | | 6,000 | | " |
| " " " ..... | " 4... | 8 | | 4,650 | | " |
| | | | 61 | | 43,650 | |
| Grand total..... | ..... | | 1,283 | | 854,510 | |

**Statement** showing cost of Harbour Commissioners' Dredging by different dredges, with their proportion of tug and scow service for 1903.

| Vessels. | Dredge Service. | Tug Service. | Scow Service and Sundries. | Dredge with Tug and Scow Service Added. | Time of Service | Cost per Working day of Dredge. | Quantity Dredged. | Average cost per cubic yard. | Additional cost for unloading by derricks. | Proportion of Materials Dredged. | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Cost. | Proportion of Cost. | Proportion of Cost. | Cost. | Days or Nights. | | Cubic yards. | | | Earth. | Rock. |
| | $ cts. | $ cts. | $ cts. | $ cts. | | $ cts. | | cts. | cts. | p. c. | p. c. |
| Dipper dredge No. 1 | 26,277 80 | 12,639 49 | 9,635 02 | 48,552 31 | 363 | 133 75-2 | 236,740 | 20·50 | 6·77 | 13 | 87 |
| " " 2 | 17,622 33 | 9,087 85 | 6,927 62 | 33,637 80 | 261 | 128 88— | 209,845 | 16·03 | 6·77 | 56 | 44 |
| " " 3 | 27,999 98 | 12,918 04 | 9,847 34 | 50,765 36 | 371 | 136 83-3 | 227,925 | 22·27 | 6·77 | 96 | 4 |
| " " 4 | 18,739 90 | 10,027 97 | 7,644 30 | 36,412 17 | 288 | 126 43-1 | 180,000 | 22·29 | 6·77 | 49 | 51 |
| Totals and averages | 90,640 01 | 44,673 35 | 34,054 28 | 169,367 64 | 1,283 | 132 00-8 | 854,510 | 19·82 | 6·77 | 53 | 47 |

# APPENDIX No. 9

## REPORT OF THE PILOTAGE AUTHORITY OF QUEBEC FOR THE YEAR ENDING DECEMBER 31, 1904.

QUEBEC, January 18, 1905.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour to transmit you, herewith, in duplicate the commissioner's report as pilotage for the year 1904, as also the various statements containing the information yearly conveyed to your department.

Yours respectfully,

JAS. WOODS,
*Secretary-Treasurer.*

QUEBEC HARBOUR COMMISSIONERS' REPORT AS PILOTAGE AUTHORITY FOR THE YEAR 1904.

*(Under 36 Victoria, Chapter 54, Section 22.)*

QUEBEC, January 2, 1905.

To the Honourable RAYMOND PRÉFONTAINE,
Minister of Marine and Fisheries, &c., &c., &c.,
Ottawa.

SIR,—In compliance with the requirements of 'The Pilotage Act' 36 Victoria, chapter 54, section 22, I have the honour to submit the following report from the Quebec Harbour Commissioners as pilotage authority, for the year 1904.

### SERVICE OF THE PILOTAGE STATIONS.

The operations of the year began on April 16, when the pilot schooner *La Vigie* left with four pilots on board.

On April 28 the pilot schooner *La Mouette* left with five pilots for the pilotage station.

Since then the pilotage station has been supplied with pilots during the season through the Intercolonial Railway and the pilot schooners.

### OLD PILOTS.

Previous to the opening of navigation all the old pilots, nine in number who had attained the age of sixty-five years and over, were summoned before the commissioners under the authority of the 32nd section of the 'Pilotage Act' in order to ascertain whether they were capable of performing their duties as pilots for another year. Eight of them were found to be competent and their branches were accordingly renewed for another year. One pilot whose eyesight certificate was not satisfactory had the leave of absence granted him in 1903 renewed for another year.

SUPERANNUATIONS.

Two pilots have been placed on the pension list during the year 1904, viz. :—Jos. Gravel and Jean Evariste Adam.

Mr. Gravel had been piloting for 49 years, and retires from the service with a very good record.

Mr. Adam has had 34 years of service and leaves it with a clear record.

DEATHS.

Four pilots have died during the year, namely :—

Paul Paquet, jr., April 9.

Napoléon Pouliot, May 29.

Joseph Pouliot, July 4.

Jean-Baptiste Patoine, November 4.

Pilot Paul Paquet, jr., was admitted in 1881, pilot Napoléon Pouliot in 1888, pilot Joseph Pouliot in 1863, and pilot Jean-Baptiste Patoine in 1875.

The commissioners are pleased to have to place it on record that, not a complaint or casualty stains the records of those four pilots during their long and honourable term of service.

TRIALS.

During the season of 1904, complaints have been lodged by ship masters or their agents against four pilots. In two of the cases, that is in regard to the complaints lodged against the pilots of the *ss. Verax* and *Athenia*, the cases were withdrawn from the jurisdiction of the commissioners by the Honourable the Minister of Marine and Fisheries under the provisions of the amendments recently made to the Shipping Casualties Act of 1901, and dealt with by an official of the Department of Marine and Fisheries.

In the other two cases, the pilots were found guilty, one of them being dismissed from the pilotage service and the other fined $100.

Three complaints were lodged against pilots for neglecting to report accidents to the vessels in their charge, according to the provisions of the pilotage by-law No. 13.

One complaint was dismissed for want of proof. Another was withdrawn upon satisfactory explanations being given and in the third case the pilot was fined $10.

A statement annexed to this report conveys all the particulars as to the nature of the complaints and the result of the investigations.

ADMISSION OF APPRENTICE PILOTS.

Fourteen apprentice pilots who had completed their apprenticeship term of seven years, have received their branches, and have been placed on the active list of pilots, after passing highly creditable examinations before the commissioners, assisted by a number of the most experienced pilots, and by Capt. Salmon, late of the Department of Marine and Fisheries, Ottawa, as nautical Examiner and Examiner in seamanship.

Their names according to their order of seniority are as follows :—Joseph Delisle, Jules Lachance, Auguste Santerre, Arthur Larochelle, Raoul Lachance, William Langlois, Ernest Bernier, Arthur Baquet, Jules Lamarre, George Larochelle, Adelard Delisle, Pierre L. Lachance, Alexandre Larochelle, Joseph A. Dupil.

COMPLAINTS AGAINST PILOTAGE SERVICE.

Complaints of delay in getting their pilots at Bic during the month of November last have been made by the masters of the *ss. Bjorgvin*, *Heros*, and *Cape Breton*.

The commissioners have been carefully inquiring into the justness of those complaints, and at their last pilotage meeting held on December 29, examined the log book of the pilotage schooner, and heard the evidence of the captain then in charge as

to the reason of the detention to those vessels. No conclusion was arrived at, as the commissioners wished to have the evidence of the crew of the pilot schooner, and therefore postponed consideration until another meeting, when those witnesses would be summoned to attend.

Outside of those complaints, the commissioners would repeat the recommendation that they made last year, that is, that they consider the present schooner and boat service is altogether inadequate for the present needs, and should be at once replaced by a proper steam tender service.

The commissioners would also respectfully again submit for the consideration of the Honourable the Minister of Marine and Fisheries a copy of the report made in July last by a special committee of their board, who had carefully examined into this question and a copy of the resolution passed by the commissioners endorsing this report.

PILOTAGE EARNINGS.

According to a return received from the secretary-treasurer of the Corporation of Pilots for and below the harbour of Quebec, their gross earnings for the season have been $109,597.28 and the total expenses $22,407.23, leaving a net balance of $87,190.05 to be divided among the pilots on the active list, giving them earnings of $820 each.

Out of the sum of gross earnings of $109,597.28, British vessels gave a return of $109,225.73 and foreign vessels $371.55.

DIRECTORS OF THE CORPORATION OF PILOTS.

At the annual meeting held on December 10 last, the pilots elected the following directors to their corporation for the ensuing year, viz.: Alfred Larochelle, Joseph H. Talbot, Alfred Raymond, Onesime Larochelle, Alphonse Pouliot and Samuel Rioux, and at the subsequent meeting held on December 12, Mr. Alfred Larochelle was elected president.

Annexed to the present report are the various statements not herein alluded to which contain all the information yearly conveyed to your department by the commissioners in their capacity of the pilotage authority.

I have the honour to be, sir,
Your most obedient servant,

JAS. WOOD,
*Secretary-Treasurer.*

QUEBEC, July 25, 1904.

Messrs. the Quebec Harbour Commissioners,
Quebec, P. Q.

SIRS,—Your committee beg to report that after hearing the evidence of several pilots, the captain of the Rimouski mail tender *Rhoda* and others, and the opinions of the representatives of shipping interest at Montreal as well as at Quebec, they are of the opinion that the pilot station at Bic and the schooner service provided by the Corporation of Pilots for the Lower St. Lawrence has become unsuited to the requirement of the pilot service, owing to the changed character in the trade in the 40 odd years which have elapsed since its establishment.

This is also abundantly proved by the fact that regular ocean liners, trading to the St. Lawrence, have not embarked or landed their pilots at Bic for many years past Father Point being a promontory and the telegraph station, steamers prefer to embark and disembark their pilots there, rather than to run the risk of delay in finding the pilot schooner off Bic. They consequently have paid an extra charge at Father Point rather than proceed to Bic.

We would therefore reccommend; that the Corporation of Pilots be authorized to discontinue their Bic station and schooners, in so far as the service of steamers is concerned, and in place of these establish a steam tender service from Rimouski or Father Point; and, that the Federal Government be requested to have the steamers arriving from sea boarded by the quarantine doctor, at the same time as the pilot, and where no illness exists, receive clearance, and so avoid the risk and delay involved in stopping all steamers at Grosse Isle. In the event of their being any infectious disease on board, vessels to be sent to Grosse Isle for clearance as at present.

Until such time as the changed service has become established and proved capable of providing for the requirements of sailing vessels as well as steamers, one schooner to be maintained at Bic.

Yours respectfully,

(Sgd.) W. M. MacPHERSON,
" HAROLD KENNDY,
" J. B. LALIBERTÉ,

QUEBEC, January 2, 1905.

EXTRACT from the minutes of a meeting of the Quebec Harbour Commissioners held at their office, Dalhousie Street, on Monday the 18th day of August, 1904.

Resolved; That this board strongly endorse the majority report of the special committee on pilotage stations and direct the secretary to forward copies of both reports to the Department of Marine and Fisheries, Ottawa, and urge upon the minister the immediate carrying into effect of the recommendations made.

JAS. WOOD,
*Secretary-Treasurer.*

STATEMENT showing the number of Pilots for and below the Harbour of Quebec, &c.—*Continued.*

| Number. | Name. | Age. | Residence. | Number of Pilotages effected. Inwards. | Outwards. | Moorages. | Casualties and Remarks. |
|---|---|---|---|---|---|---|---|
| 81 | Art. Baillargeon | 48 | Quebec | 12 | 13 | 0 | Employed by Black Diamond Line, |
| 82 | Joseph Vezina | 44 | St. Laurent, Orleans | 3 | 4 | 2 | |
| 83 | Herm. Guenard | 47 | St. Thomas, Montmagny | 4 | 4 | 2 | |
| 84 | Elzear Desrosiers | 52 | Quebec | 4 | 3 | 2 | |
| 85 | J. A. Irvine | 49 | Green Island | 0 | 0 | 0 | Master of Red Island Lightship. |
| 86 | F. Bouffard | 48 | St. Laurent, Orleans | 5 | 2 | 1 | |
| 87 | Jules Asselin | 44 | Bienville, Lévis | 2 | 5 | 2 | |
| 88 | P. Marmen | 46 | Beauport | 5 | 1 | 2 | |
| 89 | Lucien Lachance | 44 | Quebec | 14 | 13 | 0 | Employed by Thompson Line. |
| 90 | Camille Bernier | 47 | " | 17 | 21 | 1 | " Dominion Line. |
| 91 | Moise Blouin | 54 | St. John, Orleans | 3 | 5 | 2 | |
| 92 | Moise Godbout | 45 | Quebec | 6 | 6 | 1 | " Carbray Son &Co. |
| 93 | Alf. Gaudreau | 52 | Cap St. Ignace | 4 | 2 | 1 | |
| 94 | Alf. Raymond | 44 | Quebec | 0 | 0 | 0 | One of the directors of Corp. of Pilots, re-elected at last election. |
| 95 | P. Lachance | 45 | St. John, Orleans | 13 | 13 | 1 | |
| 96 | J. H. Talbot | 43 | Berthier | 0 | 0 | 0 | " " " " |
| 97 | Moise A. Lachance | 42 | St. John, Orleans | 4 | 2 | 1 | |
| 98 | L. F. Thivierge | 39 | " " | 4 | 3 | 2 | Employed by Black Diamond Line. |
| 99 | J. E. Lachance | 39 | " " | 3 | 4 | 2 | |
| 100 | Alp. Asselin | 40 | Quebec | 1 | 0 | 0 | Captain of Pilot Boat. |
| 101 | Ed. Larochelle | 39 | St. Michel, Bellechasse | 15 | 11 | 0 | Employed by C.P.R. SS. A. Lines. |
| 102 | Joseph Plante | 39 | St. Paul Bay | 3 | 4 | 2 | " Black Diamond Line. |
| 103 | Alp. Paquet | 39 | Quebec | 10 | 10 | 1 | " Carbray Son & Co. |
| 104 | Nap. Pouliot | 46 | St. John, Orleans | 0 | 0 | 0 | Died on May 29, 1904. |
| 105 | Ad. Bernier | 44 | Quebec | 12 | 13 | 1 | Employed by C.P.R., SS. A. Lines. |
| 106 | Ad. Vézina | 35 | St. Michel, Bellechasse | 5 | 1 | 2 | |
| 107 | J. B. Pouliot | 35 | St. John, Orleans | 15 | 15 | 1 | Employed by Donaldson Line. |
| 108 | J. Thivierge | 36 | " " | 4 | 3 | 2 | |
| 109 | L. Lachance | 35 | " " | 8 | 8 | 1 | Employed by Black Diamond Line. |
| 110 | E. Langlois | 43 | " " | 4 | 4 | 1 | |
| 111 | H. Doiron | 45 | St. Joseph, Lévis | 5 | 4 | 2 | |
| 112 | Joseph Delisle | 51 | St. John, Orleans | 2 | 2 | 1 | Licensed on July 20. |
| 113 | Jules Lachance | 21 | Quebec | 5 | 3 | 0 | " " Employed by Carbray Son & Co. |
| 114 | Aug. Santerre | 22 | St. Michel, Bellechasse | 2 | 2 | 1 | " " |
| 115 | Art. Larochelle | 24 | " " | 1 | 3 | 0 | " " |

| | | | | | | |
|---|---|---|---|---|---|---|
| 116 R. Lachance | 24 | St. Joseph, Lévis | 2 | 2 | 0 | Licensed on July 20. |
| 117 W. Langlois | 25 | Quebec, St. Jean | 1 | 3 | 0 | " " |
| 118 E. Bernier | 22 | St. Michel, Bellechasse | 2 | 3 | 1 | " " |
| 119 Art. Baquet | 22 | Lévis | 1 | 3 | 1 | " " |
| 120 Jules Lamarre | 21 | St. Valier | 2 | 2 | 1 | " " |
| 121 George Larochelle | 26 | St. Michel, Bellechasse | 2 | 2 | 1 | " " |
| 122 Adelard Delisle | 25 | Quebec | 2 | 2 | 1 | " " |
| 123 P. L. Lachance | 21 | " | 6 | 8 | 0 | " " Employed by Carbray Son & Co. |
| 124 Alex. Larochelle | 21 | St. Michel, Bellechasse | 2 | 2 | 1 | Licensed on August 29, 1904. |
| 125 J. A. Dupil | 28 | Quebec | 1 | 2 | 1 | " September 26, 1904. |

Certified,

HARBOUR COMMISSIONERS' OFFICE.
QUEBEC, January, 1905.

JAS. WOODS,
*Secretary-Treasurer.*

## QUEBEC HARBOUR COMMISSION.

STATEMENT of trials held during the year 1904, before the Quebec Harbour Commissioners under the authority of the Pilotage Act, 36 Vic., Chap. 54 and 45 Vic. Chap. 32 Sec. 4.

| Name of Pilot Tried. | Nature of Complaint. | Date of Trial. | Result. |
|---|---|---|---|
| D. A. Bouffard..... | Colliding with the ss. *Athenia* off Point St. Laurent on July 12. | | Withdrawn from Commissioners jurisdiction and dealt with by the Dept. of Marine and Fisheries. |
| J. A. Bernier .... ..... | Colliding with ss. *Verax* off Point St. Laurent on July 12. | | Withdrawn from Commissioners jurisdiction and dealt with by the Dept. of Marine and Fisheries. |
| Moïse Lachance..... | Grounding the ss. *Tordenskjold* on Hare Island Reef Sept. 14. | October 24.. | Found guilty and dismissed from the pilotage service. |
| Alex. Larochelle..... | Grounding the ss. *Tordenskjold* on White Island Reef Sept. 30. | October 25.. | Found guilty and fined $100. |
| Moïse Art. Lachance... | Neglect in reporting accident to ss. *Truma* on Sept. 14 or 15 when in his charge as Pilot. | Sept. 26 ... | Fined $10. |
| Moïse Lachance..... | Neglecting to report accident to the ss. *Saphir* on July 11 when in his charge as Pilot. | Sept. 26.... | Dismissed for want of proof. |
| Paul Paquet..... ... | Neglecting to report accident to the ss. *Snel* on Sept. 5 when in his charge as Pilot. | Sept. 26.... | Case withdrawn. |

LIST of apprentice pilots immediately under the Quebec Harbour Commissioners Pilotage Authority on December 31, 1904.

| Number | Names. | When indentured. | Remarks. |
|---|---|---|---|
| 1 | George Dugal.... ..... | April 11, 1871 ..... | Absent since the fall of 1877. |
| 2 | Ernest Nolet..... .... | March 19, 1874..... | Absent since the fall of 1878. |

Certified,

HARBOUR COMMISSIONER'S OFFICE,
QUEBEC, January 2, 1905.

JAS. WOODS,
*Secretary-Treasurer.*

| | | | | | | |
|---|---|---|---|---|---|---|
| 116 R. Lachance | 24 | St. Joseph, Lévis | 2 | 2 | 0 | Licensed on July 20. |
| 117 W. Langlois | 25 | Quebec, St. Jean | 1 | 3 | 0 | " " |
| 118 E. Bernier | 22 | St. Michel, Bellechasse | 2 | 3 | 1 | " " |
| 119 Art. Baquet | 22 | Lévis | 1 | 3 | 1 | " " |
| 120 Jules Lamarre | 21 | St. Valier | 2 | 2 | 1 | " " |
| 121 George Larochelle | 26 | St. Michel, Bellechasse | 2 | 2 | 1 | " " |
| 122 Adelard Delisle | 25 | Quebec | 2 | 2 | 1 | " " |
| 123 P. L. Lachance | 21 | " | 6 | 8 | 0 | " " Employed by Carbray Son & Co. |
| 124 Alex. Larochelle | 21 | St. Michel, Bellechasse | 2 | 2 | 1 | Licensed on August 29, 1904. |
| 125 J. A. Dupil | 28 | Quebec | 1 | 2 | 1 | " September 26, 1904. |

Certified,

HARBOUR COMMISSIONERS' OFFICE.
QUEBEC, January, 1905.

JAS. WOODS,
*Secretary-Treasurer.*

STATEMENT of moneys received and disbursed by the Corporation of Pilots for the Decayed Pilot Fund of Quebec, &c.—*Continued.*

| | $ cts. |
|---|---|
| *One Pilot at $158.* | |
| Raymond, Léandre | 158 00 |
| *One Pilot at $100.* | |
| Forbes, James | 100 00 |
| WIDOWS. | |
| *Twenty-three Widows at $116.* | |
| Widow Bernier, J.-Bte | 116 00 |
| " Bouffard, David | 116 00 |
| " Dufresne, Jérémie | 116 00 |
| " Caron, Maximin | 116 00 |
| " Damours, David | 116 00 |
| " Delisle, Magloire | 116 00 |
| " Després, Auguste | 116 00 |
| " Gobeil, Antoine | 116 00 |
| " Jouvin, Hilaire, died July 12, 1904 | 80 99 |
| " Laprise, Louis | 116 00 |
| " Langlois, Paul | 116 00 |
| " Gobeil, Jean | 116 00 |
| " Lapointe, Antoine | 116 00 |
| " Pouliot, J.-Bte | 116 00 |
| " Ménard, Régis | 116 00 |
| " Pouliot, Jean | 116 00 |
| " Dumas, Charles | 116 00 |
| " Dumas, François | 116 00 |
| " Vaillancourt, Alexandre | 116 00 |
| " Vézina, Charles | 116 00 |
| " Bâquet, Annibal | 116 00 |
| " Demers, Victor | 116 00 |
| " Pouliot, Joseph, pensioned July 14, 1904 | 34 35 |
| | 2,551 34 |
| *Fourteen Widows at $112.* | |
| Widow Guénard, Michel | 112 00 |
| " Gourdeau, Théophile | 112 00 |
| " Delisle, Jean | 112 00 |
| " Marticotte, Isaie, died May 2, 1904 | 56 60 |
| " Morency, Joseph | 112 00 |
| " Lachance, Joseph | 112 00 |
| " Thivierge, Louis, died September 7, 1904 | 95 67 |
| " Forgues, Narcisse | 112 00 |
| " Delisle, F. X | 112 00 |
| " Laprise, Pierre | 112 00 |
| " Lemieux, Pierre | 112 00 |
| " Dumas, Hubert | 112 00 |
| " Lamarre, Jean Frs | 112 00 |
| " Ruelland, Pierre | 112 00 |
| | 1,496 27 |
| *Nine Widows at $110.* | |
| Widow Doiron, Eustache | 110 00 |
| " Gaudreau, Frs., died September 5, 1904 | 93 27 |
| " Genest, Amable, died January 29, 1904 | 26 90 |
| " Lapointe, Joseph | 110 00 |
| " Demers, Edouard | 110 00 |
| " Fortin, Nicholas | 110 00 |
| " Desprès, George | 110 00 |
| " Sansterre, Adélard | 110 00 |
| " Pâquet, Paul, pensioned April 9, 1904 | 61 75 |
| | 841 92 |
| *Eight Widows at $106.* | |
| Widow Curodeau, Pierre | 106 00 |
| " Bernier, Jos. F.-X | 106 00 |
| " Crépault, Louis | 106 00 |
| " Pouliot, Paul | 106 00 |
| " Mercier, Magloire | 106 00 |
| " Roy, Alexis | 106 00 |
| " Langlois, Philéas | 106 00 |
| " Labrecque, Léon | 106 00 |
| | 848 00 |
| *Nine Widows at $100.* | |
| Widow Fournier, Amable | 100 00 |
| " Glynn, Dennis | 100 00 |
| " Lavoie, A. (L. M.) | 100 00 |
| " Noël, Henri | 100 00 |
| " Ross, Pierre | 100 00 |
| " Langelier, Fabien | 100 00 |
| " Langlois, Julien | 100 00 |
| " Dion, Joseph | 100 00 |
| " Dion, Alfred | 100 00 |
| | 900 00 |
| *Five Widows at $96.* | |
| Widow Levesque, Joseph | 96 00 |
| " Pineau, Benjamin | 96 00 |
| " Lachance, Ovide | 96 00 |
| " Pelletier, David | 96 00 |
| " Pouliot, Napoléon, pensioned May 29, 1904 | 44 77 |
| | 428 77 |
| *Three Widows at $80.* | |
| Widow Côté, Célestin, died February 6, 1904 | 21 30 |
| " Lachance, F. X., died January 16, 1904 | 16 90 |
| " Turgeon, Edouard | 80 00 |
| | 118 20 |
| *Two Widows at $68.* | |
| Widow Morency, Guillaume | 68 00 |
| " Dallaire, Napoléon | 68 00 |
| | 136 00 |
| *Four Widows at $64.* | |
| Widow Côté, Magloire | 64 00 |
| " Caron, Fabien | 64 00 |
| " Turgeon, Alfred | 64 00 |
| " Larochelle, Laurence | 64 00 |
| | 256 00 |
| CHILDREN. | |
| *Fourteen Children at $30.* | $ cts. |
| Child of Boutin, Thos., arrears (1) | 6 |
| " " acct | 22 |
| " Couillard, Xavier, arrears | 39 |
| " " " years | 30 |
| " Dugas, Jean, inf. (1) | 30 |
| " Forbes, Isaac, inf., (2) | 30 |
| " Giroux, Jean, inf., (1) | 30 |
| " Langlois, Joseph, inf., (1) | 30 |
| " Toussaint, Pierre, inf., (1) | 30 |
| " Plante, Joseph, inf., (1) | 30 |
| " Chouinard, Charles, inf., (1) | 30 |
| " Gobeil, Jean, inf., (1) | 30 |
| " Babin, Damase, inf., (1) | 30 |
| " Descondes, Pierre, inf., (1) | 30 |
| " Noël, François, inf., (1) | 30 |
| | 454 0 |

STATEMENT of moneys received and disbursed by the Corporation of Pilots for the Decayed Pilot Fund of Quebec, &c.—*Concluded.*

| RECAPITULATION OF PENSIONS. | $ cts. |
|---|---|
| 8 Pilots at $216 | 1,298 31 |
| 1 " 196 | 196 00 |
| 2 " 176 | 352 00 |
| 1 " 158 | 158 00 |
| 1 " 100 | 100 00 |
| 13 Pilots. | |

| RECAPITULATION OF PENSION.—*Con.* | $ cts. |
|---|---|
| 23 widows at $116 | 2,551 34 |
| 14 " 112 | 1,496 27 |
| 9 " 110 | 841 92 |
| 8 " 106 | 848 00 |
| 9 " 100 | 900 00 |
| 5 " 96 | 428 77 |
| 3 " 80 | 118 20 |
| 2 " 68 | 136 00 |
| 4 " 64 | 256 00 |
| 77 widows. | |
| 14 children at $30 | 454 00 |
| | 10,134 81 |
| In all 104 pensioners. | |

| DR. RECEIPTS, DETAILS. | $ cts. |
|---|---|
| To balance of 1903 | 6,904 54 |
| To Trustees of Quebec roads, 1 year's interest to July 1, 1904, on $22,800 at 6 p.c. | 1,368 00 |
| To debentures of city of Quebec, class B, $9,000 at 7 per cent | 630 00 |
| To Treasury Department, 1 year's interest to July 1, 1904, on $20,000 at 5 per cent | 1,000 00 |
| To Corporation of Pilots, 1 year's interest on $2,500 at 4 per cent | 100 00 |
| To Church Wardens of St. Fulgence, 1 years's interest on $1,500 at 5 p.c. | 74 00 |
| To Church Wardens of St. Valier, 1 year's interest on $15,000 at 4 p.c. | 600 00 |
| To Thomas Gray, year's interest on $2,000 at 5 per cent | 100 00 |
| To Church Wardens of St. Romuald, 1 year's interest on $16,000 at 4 p.c. | 640 00 |
| To Church Wardens of St. Fulgence, remitted | 500 00 |
| To Savings Banks, 1 year's interest Banque Nationale and Queen Bank. | 268 81 |
| To contributions of pilots | 7,668 53 |
| | 19,853 88 |

| CR. | |
|---|---|
| By relief and pensions paid during the year 1904 :— | |
| By relief | 727 78 |
| By arrears of pensions | 45 50 |
| By expenses | 17 50 |
| By quarter ended January 31, 1904 | 2,574 70 |
| " April 30, 1904 | 2,501 95 |
| " July 31, 1904 | 2,542 55 |
| " October 31, 1904 | 2,470 11 |
| By salaries of secretary-treasurer and assistant | 616 66 |
| By deposits in savings banks | 7,315 63 |
| By loan to corporation of pilots | 1,000 00 |
| By balance on hand | 41 50 |
| | 19,853 88 |
| STATEMENT OF FUND. | |
| Moneys loaned | 89,800 00 |
| Moneys in savings banks | 7,315 63 |
| Moneys on hand | 41 50 |
| | 97,157 13 |
| Deduct arrears due | 7 50 |
| Capital net | 97,149 63 |

F. X. DION,
*Secretary-Treasurer.*

N.B.—We, the undersigned, officially appointed to examine the books and accounts of the Decayed Pilots Fund of Quebec, certify having carefully examined them and found them correct.

J. A. LABRECQUE,
*Accountant.*

R. PAQUET,
ARTHUR BAILLARGEON,
*Auditors.*

F. X. DION in current account with the Corporation of Pilots of Quebec to December 31, 1904.

| DR. | $ cts. |
|---|---|
| To balance of 1903 | 874 90 |
| Reserve fund | 1,000 00 |
| Pilots' retirement fund | 2,000 00 |
| Loan from pilots' fund | 1,000 00 |
| Customs, Montreal | 56,815 32 |
| " Three Rivers | 853 39 |
| " Sorel | 1,156 27 |
| " St. Thomas | 173 84 |
| " Tadousac | 296 84 |
| " Trois Pistoles | 69 61 |
| Interest, Banque Nationale | 133 92 |
| Fines | 420 00 |
| Lost time | 652 08 |
| Pilotage collected at Quebec | 50,232 01 |
| | 115,678 18 |

| CR. | | | $ cts. |
|---|---|---|---|
| By expenses pilot boats | $ 913 21 | | |
| Less | 15 00 | | |
| | | | 898 21 |
| By pilot boats, *La Vigie* | | | 229 44 |
| Expenses of pilots | | | 1,028 18 |
| General expenses | $ 1,246 74 | | |
| Less | 12 52 | | |
| | | | 1,234 22 |
| Provisions | 1,411 02 | | |
| Less | 3 00 | | |
| | | | 1,408 02 |
| Rent | 479 13 | | |
| Less | 50 00 | | |
| | | | 429 13 |
| Seamen's wages | | | 1,395 40 |
| Cook's wages | | | 484 16 |
| Indemnity to directors | | | 600 00 |
| " captains | | | 285 00 |
| " Saguenay station | | | 115 86 |
| Pilot boat shares | | | 3,500 00 |
| Interest paid on loans | | | 100 00 |
| Legal advisers | | | 139 19 |
| Insurance | | | 142 35 |
| Pilotage remitted | | | 1,099 54 |
| Salaries of employees | | | 1,650 00 |
| Reserve fund | | | 1,000 00 |
| Decayed pilots' fund | | | 7,668 53 |
| Dividends | | | 91,779 35 |
| Balance | | | 491 60 |
| | | | 115,678 18 |

F. X. DION,
*Secretary-Treasurer.*

N.B.—We, the undersigned, officially appointed to examine the books and accounts of the Corporation of Pilots of Quebec, certify to having carefully examined them and found them correct.

J. A. LABRECQUE,
*Accountant.*

R. BAQUET,
ARTHUR BAILLARGEON,
*Auditors.*

# APPENDIX No. 10

## REPORT OF THE PILOTAGE AUTHORITY OF ST. JOHN N.B., FOR THE YEAR ENDING DECEMBER 31, 1904.

OFFICE OF PILOTAGE AUTHORITY,
DISTRICT OF ST. JOHN, N.B., January 6, 1905.

F. GOURDEAU Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour to forward you under same cover, the annual returns for pilotage for this district for the year ending December 31, 1904, which I trust you will find in order.

I have the honour to be, sir,
Your obedient servant,

J. U. THOMAS,
*Secretary St. John Pilot Commissioners.*

OFFICE of Pilotage Authority, District of St. John, N.B., December 31, 1904.

| REVENUE ACCOUNT. | $ cts. | $ cts. |
|---|---|---|
| Receipts— | | |
| Licenses to 25 pilots at $5 | 125 00 | |
| " 6 boats at $10 | 60 00 | |
| | | 185 00 |
| 25 cents per foot on outward pilotage from port of St. John to date | 1,956 65 | |
| " " " " " Musquash to date | 11 75 | |
| | | 1,968 40 |
| | | 2,153 40 |
| Expenditures— | | |
| Sundries | 0 81 | |
| Auditing accounts for 1903 | 25 00 | |
| J. & A. McMillan, stationery, etc | 22 90 | |
| Office rent, one year to November 1, 1904 | 100 00 | |
| | 1,000 00 | |
| Salary Secretary-Treasurer, one year to date | | 1,148 71 |
| Amount transferred to Pilot Fund Account | | 1,004 69 |
| | | 2,153 40 |

J. U. THOMAS,
*Secretary.*

STATEMENT of Pilot Fund Account for the Year ended December 31, 1904.

| DR. | $ cts. | $ cts. |
|---|---|---|
| To pensions paid three pilots | 554 38 | |
| " widows and 3 children | 1,325 00 | |
| To funeral expenses two pilots | 40 00 | |
| | | 1,919 38 |
| To balance | | 8,811 94 |
| | | 10,731 32 |
| CR. | | |
| By balance December 31, 1903 | | 9,444 67 |
| By interest on Dominion Savings Bank deposit, 12 months to July 1, 1904, per pass-book No. 744 | 148 80 | |
| Per pass-book No. 10,260 | 133 16 | |
| | | 281 96 |
| By amount from revenue account | | 1,004 69 |
| | | 10,731 32 |
| By balance to credit of pilot fund, December 31, 1904 | | 8,811 94 |

J. U. THOMAS,
*Secretary*

STATEMENT of Finances, St. John Pilot Commissioners, December 31, 1904.

| INVESTMENT ACCOUNT. | $ cts. | $ cts. |
|---|---|---|
| On deposit, Dominion Savings Bank, per pass-book No. 744 | 5,108 81 | |
| " " " " 10,260 | 3,155 88 | |
| | | 8,264 69 |
| CURRENT ACCOUNT. | | |
| On deposit Bank of New Brunswick | | 547 2[illegible] |
| | | 8,811 9[illegible] |

J. U. THOMAS,
*Secretary.*

## PILOTS' Individual Earnings for the year 1904.

| | $ cts. | $ cts. |
|---|---|---|
| Total amount of pilotage received | 32,550 42 | |
| LESS—25c. per foot from outward pilotage for office expenses, Pilot Fund, &c. | 1,956 65 | |
| | | 30,593 77 |
| *Contra.* | | |
| Bennett, James | 1,944 00 | |
| Cline, Richard | 919 48 | |
| Cline, Alfred | 294 12 | |
| Cline, Richard B | 639 05 | |
| Doyle, James | 1,950 47 | |
| Doherty, Joseph | 2,278 97 | |
| Lahey, William | 899 58 | |
| Lahey, Frank L | 1,882 80 | |
| Miller, James H | 1,886 61 | |
| Murray, William | 1,894 63 | |
| Quinn, William | 1,651 53 | |
| Rogers, Bartholomew | 1,949 60 | |
| Reed, James | 309 63 | |
| Spears, James S | 341 52 | |
| Spears, Henry | 1,618 25 | |
| Spears, Martin | 1,364 70 | |
| Scott, William | 1,495 68 | |
| Scott, Richard | 331 62 | |
| Stone, Thomas J | 2,322 47 | |
| Sherrard, John L. C | 1,894 83 | |
| Thomas, John S | 1,267 60 | |
| Thomas, Robert | 260 75 | |
| Traynor, Thomas | 1,195 88 | |
| | | 30,593 77 |

J. U. THOMAS,
*Secretary.*

## LICENSED Pilots, Port of St. John, N.B., for the year 1904.

| Name. | Age. | Residence. | Remarks. |
|---|---|---|---|
| Bennett, James | 47 | St. John, N.B. | |
| Cline, Richard | 79 | " | |
| Cline, Alfred | 47 | " | |
| Cline, Richard B | 34 | " | |
| Conlin, Patrick | 54 | " | |
| Doyle, James | 67 | " | |
| Doherty, Joseph | 58 | " | |
| Lahey, William | 75 | " | |
| Lahey, Frank L | 33 | " | |
| Miller, James H | 27 | " | |
| Murray, William | 30 | " | |
| Quinn, William | 57 | " | |
| Rogers, Bartholomew | 47 | " | |
| Reed, James | 58 | " | |
| Spears, James S | 59 | " | |
| Spears, Henry | 53 | " | |
| Spears, Martin | 47 | " | |
| Scott, William | 48 | " | |
| Scott, Richard | 53 | " | |
| Stone, Thomas J | 51 | " | |
| Sherrard, John L. C | 70 | " | |
| Thomas, John S | 56 | " | |
| Thomas, Robert | 63 | " | |
| Traynor, Thomas | 51 | " | |
| McAnulty, John | 66 | Musquash, N.B. | Licensed for Musquash only. |

J. U. THOMAS, *Secretary.*



175998

Return of Vessels arriving at Port of Saint John subject to pilotage, for the year ending December 31, 1904.

| | British. | Foreign. | Total. |
|---|---|---|---|
| Steamers | 73 | 135 | 208 |
| Barges and [illegible] | 1 | --- | 1 |
| Barques and [illegible] | 11 | 28 | 39 |
| Sloops | 5 | 2 | 7 |
| Steamships | 214 | 31 | 245 |
| | 304 | 196 | 500 |
| Amount of Pilotage received | $35,207 95 | $7,342 47 | $32,550 42 |

J. U. THOMAS,
*Secretary.*

# APPENDIX No. 11

## REPORT OF THE PILOTAGE AUTHORITY OF HALIFAX FOR THE YEAR ENDED DECEMBER 31, 1904.

HALIFAX, N.S., January 10, 1904.

Hon. Minister Marine and Fisheries,
Ottawa.

SIR—I have the honour to transmit for the information of the department the following returns from the Pilotage District of Halifax, N.S.:—

Statement receipts and expenditures.
Statement superannuation fund.
Statement vessels entered inwards.
Statement vessels entered outwards.
Statement of list of pilots.
Statement of list of pensioners

I have the honour to remain, sir

Your obedient servant,

FRANK J. PHELAN,
*Secretary.*

OFFICE OF COMMISSIONERS OF PILOTS,
HALIFAX, N.S., December 31, 1904.

RECEIPTS AND EXPENDITURES.

| | |
|---|---|
| Balance on hand Dec. 31, 1903 | $871 68 |
| Amount overpaid pilots, 1903 | 77 14 |
| Interest | 1,030 18 |
| Commission | 1,679 21 |
| Outward pilotage | 1,893 30 |
| Licenses and bonds | 206 00 |
| | $5,757 51 |
| Salary | $600 00 |
| Rent | 325 00 |
| Printing, telephone office expenses | 316 63 |
| Superannuation | 4,093 66 |
| Balance | 422 22 |
| | $5,757 51 |

FRANK J. PHELAN,
*Secretary-Treasurer.*

OFFICE OF COMMISSIONERS OF PILOTS,
HALIFAX, N.S., January 1, 1905.

SUPERANNUATION FUND.

| | | |
|---|---|---|
| Balance, Jan. 1, 1904 | | $26,919 54 |
| Commission | $838 21 | |
| Interest | 1,030 18 | |
| Licenses and bonds | 206 00 | |
| Transferred from general account | 2,000 00 | |
| | 4,084 39 | |
| Less paid pensions | 1,378 42 | |
| | | 2,705 97 |
| | | $29,625 51 |

FRANK J. PHELAN,
*Secretary-Treasurer.*

OFFICE OF COMMISSIONERS OF PILOTS,
HALIFAX, N.S., December 31, 1904.

RETURN of vessels entered inwards at the Port of Halifax, N.S., from January 1, 1904, to December 31, 1904, subject to compulsory pilotage.

BRITISH.

| Schooners. | Barks. | Ships. | Barges. | Steamers. | Tons. | Pilotage. |
|---|---|---|---|---|---|---|
| | | | | | | $ cts. |
| 81 | 12 | 2 | 19 | 706 | 975,393 | 16,156 88 |

FOREIGN.

| | | | | | | |
|---|---|---|---|---|---|---|
| 23 | 15 | ..... | ..... | 58 | 95,702 | 2,042 70 |

RETURN of vessels entered outwards at the Port of Halifax, N.S., from January 1, 1904, to December 31, 1904, subject to compulsory pilotage.

BRITISH.

| Schooners. | Barks. | Ships. | Barges. | Steamers. | Tons. | Pilotage. |
|---|---|---|---|---|---|---|
| | | | | | | $ cts. |
| 23 | 12 | 2 | 19 | 635 | 972,837 | 8,315 12 |

FOREIGN.

| | | | | | | |
|---|---|---|---|---|---|---|
| ..... | 12 | ..... | ..... | 58 | 94,701 | 995 70 |

OFFICE OF COMMISSIONERS OF PILOTS,
HALIFAX, N.S., December 31, 1904.

LIST of pilots for the Port of Halifax.

| o. | Name. | Age. | Residence. | Remarks. |
|---|---|---|---|---|
| 1 | ..... | .... | ..... | |
| 2 | William Flemming | 38 | Halifax | |
| 3 | James Holland | 68 | Duncan's Cove | |
| 4 | William Baker | 69 | Halifax | |
| 5 | Lawrence Hayes | 26 | Herring Cove | 2nd Class. |
| 6 | Frank Thomas | 29 | " | |
| 7 | Bernard Brackett | 25 | " | 2nd Class. |
| 8 | William Hayes | 30 | " | |
| 9 | ..... | ..... | ..... | |
| 10 | ..... | .... | ..... | |
| 1 | Edward Bayers | 63 | Halifax | |
| 2 | James Hanrahan | 67 | Ferguson's Cove | |
| 3 | William Beazley | 64 | " | |
| 4 | John Hayes | 54 | Halifax | |
| 5 | James Spears | 46 | " | |
| 6 | John F. Beazley | 44 | " | |
| 7 | William Gorman | 30 | Herring Cove | |
| 8 | Charles F. Martin | 39 | Halifax | |
| 9 | William White | 47 | Ferguson's Cove | |
| 10 | Thomas Hayes | 44 | Halifax | |
| 1 | Thomas Reyno | 44 | Herring Cove | |
| 2 | Frank Mackey | 32 | Halifax | |
| 3 | Henry Latter | 40 | " | |
| 4 | ..... | ... | ..... | |
| 5 | John Holland | 22 | Ferguson's Cove | 2nd Class. |
| 6 | James Flemming | 65 | Ketch Harbour | |

LIST of pensioners on Halifax District.

| 05. | Name. | Residence. | Age. | Amount. |
|---|---|---|---|---|
| | Flemming, John | Ketch Harbour | 91 | $ 200 00 |
| | Hayes, Patrick | Herring Cove | 82 | 200 00 |
| | Reyno, Joseph | " | 78 | 200 00 |
| | Holland, Jeremiah | Duncan's Cove | 72 | 200 00 |
| | Nickerson, Mrs. L | Sambro | 70 | 75 00 |
| | Martin, Mrs. C | ..... | 72 | 75 00 |
| | Johnson, Mrs. J | Bear Cove | 72 | 75 00 |
| | Glazebrook, Mrs. C | ..... | 59 | 75 00 |
| | " Chas | ..... | 13 | 15 00 |
| | Martin, Mrs. D | 74 LeMarchant St | 46 | 75 00 |
| | " Leo | ..... | 15 | 15 00 |
| | " Elizabeth | ..... | 12 | 15 00 |
| | " Barbara | ..... | 11 | 15 00 |
| | " Catherine | ..... | 9 | 15 00 |
| | Gallagher, Mrs. B | Gottingen St | 42 | 75 00 |
| | " W. L | ..... | 7 | 15 00 |
| | " Catherine | ..... | 4 | 15 00 |
| | Munro, Mrs. H | Duke St | ... | 75 00 |

FRANK J. PHELAN,
*Secretary-Treasurer.*

# APPENDIX No. 12

## REPORT OF THE VICTORIA AND ESQUIMALT PILOTAGE AUTHORITY FOR THE YEAR ENDING DECEMBER 31, 1904.

VICTORIA, B.C., January 7, 1905.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa, Ont.

SIR,—I have the honour, by direction of the commissioners, to transmit herewith the pilotage returns for the pilotage district of Victoria and Esquimalt in the province of British Columbia for the year ending December 31, 1904, as required by section 22 of chapter 80 of the Revised Statutes of Canada, 1886, and trust the same will reach you in time for embodiment in your annual report or usual supplement thereto, the same system of audit has been pursued this year as last, and the audit certificate appended to account current or statement of receipts and expenditures. Owing to the chairman, Jno. G. Cox, being ill in bed, the returns are unsigned by said commissioners.

I have the honour to be, sir,
Your most obedient servant,

EDGAR CROW BAKER,
*Secretary-Treasurer, P.A.*

PILOTAGE Returns, Victoria and Esquimalt Pilotage District, B.C., January 1 to December 31, 1904.

LIST OF LICENSED PILOTS.

| No. | Name. | Age. | Date of Issue. | Seniority. | Remarks. |
|---|---|---|---|---|---|
| 1 | John Thompson..... | 55 | April 23, 1880.. | Dec. 4, 1878.. | Originally a B. C. pilot. |
| 2 | Sam. W. Bucknam..... | 54 | March 6, 1891.. | March 6, 1891.. | Victoria and Esquimalt District. |
| 3 | John Newby. .... . ... | 55 | April 10, 1891.. | April 10, 1891.. | " " " |
| 4 | Thos. Bebbington..... | 58 | Feb. 25, 1893.. | Feb. 25, 1893. | Originally N. W. and Yale pilot. |
| 5 | William Cox ..... | 48 | May 13, 1902.. | May 13, 1902.. | Victoria and Esquimalt District. |

N.B.—The foregoing is a list of licensed pilots, who are the only ones who have prosecuted such calling in the above named district.

There are masters and mates acting under license from this pilotage authority, all the certificates previously granted having expired by effluxion of time.

Clause I, II, III, page 213 supplement to 19th annual report, with reductions on pages 200 and 201 supplement to 21st annual report, and also those on pages 181 and 182 supplement to 26th annual report (*i.e.*, Order in Council, July 1, 1893) apply to this year also.

Same Acts and parts of Acts as last year apply to 1904, and list of exempted vessel and Puget Sound rates remain the same.

EDGAR CROW BAKER,
*Secretary-Treasurer.*

VICTORIA, B.C., December 31, 1904.

OFFICE OF COMMISSIONERS OF PILOTS,
HALIFAX, N.S., December 31, 1904.

LIST of pilots for the Port of Halifax.

| No. | Name. | Age. | Residence. | Remarks. |
|---|---|---|---|---|
| 1 | | | | |
| 2 | William Flemming | 38 | Halifax | |
| 3 | James Holland | 68 | Duncan's Cove | |
| 4 | William Baker | 69 | Halifax | |
| 5 | Lawrence Hayes | 26 | Herring Cove | 2nd Class. |
| 6 | Frank Thomas | 29 | " | |
| 7 | Bernard Brackett | 25 | " | 2nd Class. |
| 8 | William Hayes | 30 | " | |
| 9 | | | | |
| 10 | | | | |
| 11 | Edward Bayers | 63 | Halifax | |
| 12 | James Hanrahan | 67 | Ferguson's Cove | |
| 13 | William Beazley | 64 | " | |
| 14 | John Hayes | 54 | Halifax | |
| 15 | James Spears | 46 | " | |
| 16 | John F. Beazley | 44 | " | |
| 17 | William Gorman | 30 | Herring Cove | |
| 18 | Charles F. Martin | 39 | Halifax | |
| 19 | William White | 47 | Ferguson's Cove | |
| 20 | Thomas Hayes | 44 | Halifax | |
| 21 | Thomas Reyno | 44 | Herring Cove | |
| 22 | Frank Mackey | 32 | Halifax | |
| 23 | Henry Latter | 40 | " | |
| 24 | | | | |
| 25 | John Holland | 22 | Ferguson's Cove | 2nd Class. |
| 26 | James Flemming | 65 | Ketch Harbour | |

LIST of pensioners on Halifax District.

| 1905. | Name. | Residence. | Age. | Amount. |
|---|---|---|---|---|
| | Flemming, John | Ketch Harbour | 91 | $ 200 00 |
| | Hayes, Patrick | Herring Cove | 82 | 200 00 |
| | Reyno, Joseph | " | 78 | 200 00 |
| | Holland, Jeremiah | Duncan's Cove | 72 | 200 00 |
| | Nickerson, Mrs. L | Sambro | 70 | 75 00 |
| | Martin, Mrs. C | | 72 | 75 00 |
| | Johnson, Mrs. J | Bear Cove | 72 | 75 00 |
| | Glazebrook, Mrs. C | | 59 | 75 00 |
| | " Chas | | 13 | 15 00 |
| | Martin, Mrs. D | 74 LeMarchant St | 46 | 75 00 |
| | " Leo | | 15 | 15 00 |
| | " Elizabeth | | 12 | 15 00 |
| | " Barbara | | 11 | 15 00 |
| | " Catherine | | 9 | 15 00 |
| | Gallagher, Mrs. B | Gottingen St | 42 | 75 00 |
| | " W. L | | 7 | 15 00 |
| | " Catherine | | 4 | 15 00 |
| | Munro, Mrs. H | Duke St | | 75 00 |

FRANK J. PHELAN,
*Secretary-Treasurer.*

DR. RECEIPTS and EXPENDITURE, January 1 to December 31, 1904. CR.

| Date. | Nature of Receipt. | Amount. | Date. | Head of Service. | Amount. |
|---|---|---|---|---|---|
| 1904. | | $ cts. | 1904. | | $ cts. |
| January 1 ... | To Balance from last year..... | 1,084 02 | February 4. .... | By V. and E. pilots, division surplus, 1903. .. .... | 1,084 02 |
| Jan. 1 to Dec. 31 | Pilotage dues 12 months... ..... ..... .. | 12,205 37 | Jan. 1 to Dec. 31 | V. and E. pilots, earnings as per receipts ..... | 10,984 84 |
| " " | Certificate fees, Puget Sound steamers..... | 300 00 | " " | Secretary-treasurer, 12 months' salary..... .... | 600 00 |
| " " | Pilotage outwards, in certain cases to credit of Pilotage Authority..... ..... | 70 75 | " " | Office expenses, rent, fuel, light &c..... | 360 08 |
| | | | August 11 . . | Eberts & Taylor, legal opinion *re* By-Law..... | 15 00 |
| | | | December 31.... | Balance to credit of Pilotage Authority..... | 616 20 |
| | | 13,660 14 | | | 13,660 14 |

Approved.

A. B. FRASER, SENIOR,
JOSHUA KINGHAM,
WILLIAM GRANT. } *Commissioners.*

EDGAR CROW BAKER,
*Secretary-Treasurer.*

Audited and found correct.

A. B. FRASER, *Senior.*

VICTORIA, B.C., January 4, 1905.

# APPENDIX No. 13

## REPORT OF THE VANCOUVER PILOTAGE AUTHORITY FOR THE YEAR ENDING DECEMBER 31, 1904.

VANCOUVER, B. C., January 5, 1905.

The Honourable
The Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour to inclose herewith statement of accounts and of the affairs of the Vancouver Pilotage District for year just ended, 1904.

At a meeting of the commissioners held to day, the accounts were audited and signed by the chairman, and I was instructed to forward same to you.

I have the honour to be, sir, your obedient servant,

C. GARDINER JOHNSON,
*Secretary, Vancouver Pilotage District.*

| No. of License. | Name of Pilot. | Age. | Service In. | Remarks. |
|---|---|---|---|---|
| 1 1st class | William Ettershank | 62 | Licensed to pilot vessels of any size or description within the limits of the Vancouver pilotage district. | Active. |
| 2 " | George W. Robertson | 54 | | " |
| 3 " | H. Robson Jones | 49 | | " |
| 4 " | Donald Patterson | 43 | | " |
| 5 3rd " | Joseph R. Reardon | 41 | | " |

NOTE.—Pilotage dues now in force are same as approved by Order in Council, Saturday, April 28, 1894.

*Inwards.*

| | | |
|---|---|---|
| 14 | British sailers | $ 420 75 |
| 9 | Foreign sailers | 200 00 |
| 59 | British steamers | 3,120 75 |
| 261 | Foreign steamers | 4,635 88 |
| | | $ 8,377 38 |

*Outwards.*

| | | |
|---|---|---|
| 13 | British sailers | 499 00 |
| 9 | Foreign sailers | 319 00 |
| 60 | British steamers | 3,336 25 |
| 261 | Foreign steamers | 4,669 12 |
| | | $ 8,823 37 |
| | | $ 17,200 75 |

Remaining in Port on December 31, 1904.—*Osterbek*, $23.00; *Aorangi*, $139,25.

C. GARDINER JOHNSON,
*Secretary, Vancouver Pilotage District.*

Approved
RICHARD ALEXANDER, *Chairman.*

*Receipts.*

| | |
|---|---|
| Balance in Bank, January 5, 1904 | $ 461 05 |
| Pilotage earnings for year 1904 | 17,200 75 |

*Disbursements.*

| | |
|---|---|
| Paid pilots, January 5, 1904 | $ 461 05 |
| Paid pilots during year 1904 | 11,411 63 |
| Office expense account 1904 | 1,034 45 |
| *Pilotage expense account 1904 | 4,338 75 |
| Balance in bank | 415 92 |
| | $ 17,661 80 |

*Pilotage expense account is increased this year by repairs to gasoline launch, *i. e.* $269.70.

C. GARDINER JOHNSON,
*Secretary, Vancouver Pilotage District.*

Approved,
RICHARD ALEXANDER,
*Chairman.*

LEDGER BALANCE.

*Assets.*

| | | |
|---|---|---|
| Bank of Montreal | | $ 415 92 |
| Bank of Montreal— | | |
| Savings department | $ 634 86 | |
| Interest, 1904 | 19 00 | |
| | | $ 653 86 |
| | | $ 1,069 78 |

*Liabilities.*

| | | |
|---|---|---|
| Reserve fund | $ 634 86 | |
| Interest, 1904 | 19 00 | |
| | | $ 653 86 |
| Pilotage earnings undisbursed | | 415 92 |
| | | $ 1,069 78 |

C. GARDINER JOHNSON,
*Secretary, Vancouver Pilotage District.*

Approved
RICHARD ALEXANDER,
*Chairman.*

# APPENDIX No. 14

## REPORT OF THE PILOTAGE AUTHORITY OF NANAIMO, B.C., FOR THE CALENDAR YEAR ENDED DECEMBER 31, 1904.

NANAIMO, B.C., January 3, 1905.

To the Deputy Minister of Marine and Fisheries,
Ottawa, Ont.

SIR,—By direction of the commissioners, I have the honour to inclose you a statement of the accounts of the Nanaimo Pilotage Authority, for the year ending December 31, 1904, as required by the provisions of the 'Pilotage Act, 1886.'

I have the honour to be, sir,
Your obedient servant,

TULLY BOYCE,
*Secretary.*

PILOTAGE Returns for the year ending December 31, 1904.

LICENSED PILOTS.

| Names of Pilots. | Age. |
|---|---|
| Christensen, James | 63 |
| Butler, James Edgar | 44 |
| Owen, William David | 38 |
| Yates, Albert Francis | 52 |
| Gosse, Josiah | 39 |

RATES OF PILOTAGE.

| | | |
|---|---|---|
| Half pilotage | $ 1 | per foot draught. |
| Full " | 2 | " " |
| Gulf " | 10 | per diem. |

Special rates for mail steamers and tugs.

STATEMENT of Full Pilotage Collected from January 1 to December 31, 1904.

| — | British. | Foreign. | Total. |
|---|---|---|---|
| | $ cts. | $ cts. | $ cts. |
| January | 334 00 | 653 00 | 987 00 |
| February | 368 00 | 483 00 | 851 00 |
| March | 464 00 | 466 00 | 930 00 |
| April | 434 00 | 566 00 | 1,000 00 |
| May | 474 00 | 660 00 | 1,134 00 |
| June | 210 00 | 504 00 | 714 00 |
| July | 266 00 | 746 00 | 1,012 00 |
| August | 495 00 | 750 00 | 1,245 00 |
| September | 267 00 | 464 00 | 731 00 |
| October | 200 00 | 389 00 | 589 00 |
| November | 377 00 | 202 00 | 579 00 |
| December | 286 00 | 290 00 | 576 00 |
| | 4,175 00 | 6,173 00 | 10,348 00 |

STATEMENT of Half Pilotage Collected from January 1 to December 31, 1904.

| — | British. | Foreign. | Total. |
|---|---|---|---|
| | $ cts. | $ cts. | $ cts. |
| January | ..... | 219 50 | 219 50 |
| February | 35 00 | 213 00 | 248 00 |
| March | ..... | 321 50 | 321 50 |
| April | ..... | 416 00 | 416 00 |
| May | 22 00 | 319 50 | 341 50 |
| June | ..... | 272 00 | 272 00 |
| July | ..... | 242 50 | 242 50 |
| August | ..... | 353 50 | 353 50 |
| September | 22 00 | 249 50 | 271 50 |
| October | 113 50 | 181 00 | 294 50 |
| November | 76 00 | 212 50 | 288 50 |
| December | 114 00 | 176 00 | 290 00 |
| | 382 50 | 3,176 50 | 3,559 00 |

RECEIPTS and Expenditure from January 1 to December 31, 1904.

| | $ cts. | | $ |
|---|---|---|---|
| To pilotage fees collected, as per enclosed statements | 13,907 00 | By salary of secretary and treasurer | 600 |
| | | Rent, janitor, fuel, light, &c | 228 |
| | | Printing, postage and stationery | 17 |
| | | Office repairs | 1 |
| | | Commission to collectors | 332 |
| | | Pilot station expenses | 1,174 |
| | | Travelling and personal expenses | 2,400 |
| | | Net earnings | 9,152 |
| | 13,907 00 | | 13,907 |

Approved,
THOMAS A. CONNELL,
H. B. SHAW,
P. GIBSON.

J. S. KNARSTON,
*Chairman.*
TULLY BOYCE,
*Secretary.*

# APPENDIX No. 15

## REPORT OF THE PILOTAGE AUTHORITY OF PICTOU, N.S., FOR THE YEAR 1904.

PICTOU, N.S., March 1, 1905.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—Inclosed please find statement pilotage returns for the Port of Pictou, N.S., for the season of 1904.

I am, sir,
Your obedient servant,

DODD DWYER,
*Secretary.*

TOTAL amount received for Pilotage dues.

| — | $ cts. | $ cts. |
|---|---|---|
| Received from steamships | 1,389 43 | |
| " sailing ships | 250 50 | |
| | | 1,639 93 |
| Of this amount— | | |
| Received from British ships | 215 50 | |
| " foreign ships | 1,424 43 | |
| | | 1,639 93 |

Certified. A. B. BÉLANGER,
*SS. Campana.*

EARNINGS of Pilots, 1904.

| No. | Name. | Age. | $ cts. |
|---|---|---|---|
| | Wm. A. Cook | 66 | 316 74 |
| | Chas. Cook | 56 | 404 96 |
| | Geo. W. Powell | 53 | 270 17 |
| | Angus Smith | 47 | 214 17 |
| | McG. Fraser | 36 | 176 32 |
| | Wm. McPherson | 29 | ..... |
| | Willard Fraser | 26 | 236 05 |
| | | | 1,618 43 |

RECEIPTS and Expenditures, 1904.

| RECEIPTS. | $ cts. | $ cts. |
|---|---|---|
| Received pilotage, per statement | 1,639 93 | |
| " from 7 pilot bonds | 7 00 | |
| " " Capt. Bélanger | 40 00 | |
| Balance due secretary | 314 00 | |
| | | 2,000 93 |
| **EXPENDITURES.** | | |
| Paid pilots, pilotage | 1,618 43 | |
| " secretary's salary | 200 00 | |
| " balance due secretary | 182 50 | |
| | | 2,000 93 |

WILLIAM FRASER,
JOSEPH FOSTER,
JOHN R. DAVIS,
HECTOR McKENZIE,
C. DWYER.

DODD DWYER,
*Secretary.*

# APPENDIX No. 16

## REPORT OF PILOTAGE AUTHORITY OF SYDNEY, C.B., YEAR ENDING DECEMBER 31, 1904.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—Herewith please find returns in connection with pilotage authority, distric of Sydney, year ending December 31, 1904.

Trusting the returns may be found correct.

I am, sir,
Your obedient servant,

W. A. RICHARDSON,
*Secretary*, Pro tem.

STATEMENT OF RELIEF

| Name. | Amount. |
|---|---|
| | $ cts. |
| Maurice Doyle | 50 00 |
| Isabelle MacGillivary | 30 00 |
| Catherine MacGillivary | 30 00 |
| Margaret Petrie | 30 00 |
| Widow Daley | 30 00 |
| Mary Petrie | 30 00 |
| Widow McInnis | 30 00 |
| Widow Carroll | 30 00 |
| Pilot Wm. Ratchford | 50 00 |
| Pilot George Townsend | 50 00 |
| | 360 00 |

NAMES of Pilots and Earnings for the Year 1904.

| No. | Name. | Amount paid. | No. | Name. | Amount paid. |
|---|---|---|---|---|---|
| | | $ cts. | | | $ cts. |
| 1 | John Cann | 776 37 | 23 | James Fraser | 776 36 |
| 2 | John Mullins | 776 37 | 24 | Walter Handrigan | 776 36 |
| 3 | Lawrence Connell | 776 37 | 25 | James Shannahan | 776 36 |
| 4 | Lawrence Ling | 776 37 | 26 | William Langille | 776 36 |
| 5 | J. B. McGillivary | 776 37 | 27 | George B. Brown | 776 36 |
| 6 | James Carroll | 776 37 | 28 | D. A. McInnis | 776 36 |
| 7 | John Carroll | 776 37 | 29 | James B. McGillivary | 776 36 |
| 8 | Andrew Ratchford | 776 37 | | | 22,514 62 |
| 9 | Thomas Ratchford | 776 37 | | APPRENTICES. | |
| 10 | Thomas McNeil | 776 37 | | | |
| 11 | John McNeil | 776 37 | | | |
| 12 | J. T. Laffin | 776 37 | 1 | John Mahan | 388 18 |
| 13 | D. D. Petrie | 776 37 | 2 | Thomas Burke | 388 18 |
| 14 | Bernard Mullins | 776 37 | 3 | Louis Carroll | 388 18 |
| 15 | William Brown | 776 37 | 4 | H. Ratchford | 388 18 |
| 16 | Joseph Brown | 776 37 | 5 | George Spencer | 388 18 |
| 17 | Vincent McGillivary | 776 37 | 6 | Ed. Petrie | 388 18 |
| 18 | Michael Curren | 776 37 | 7 | John Boutilier | 388 18 |
| 19 | E. D. Cann | 776 36 | 8 | Wm. McGillivary | 388 18 |
| 20 | Thomas Rudderham | 776 36 | | | |
| 21 | Thomas Roberts | 776 36 | | | 3,105 44 |
| 22 | John Fraser | 776 36 | | | |

NORTH SYDNEY.

| — | Tons. | Amount. |
|---|---|---|
| | | $ cts. |
| British steamers | 79,508 | 1,776 98 |
| Foreign " | 127,698 | 4,005 05 |
| British sail | 9,840 | 374 00 |
| Foreign sail | 3,315 | 155 05 |
| | 220,361 | $ 6,310 90 |

INTERNATIONAL.

| — | Tons. | Amount. |
|---|---|---|
| | | $ cts. |
| British steamers | 185,921 | 4,939 00 |
| Foreign " | 395,630 | 10,484 50 |
| British sail | | |
| Foreign sail | | |
| | 581,551 | 15,423 50 |

SYDNEY.

| — | Tons. | Amount. |
|---|---|---|
| | | $ cts. |
| British steamers | 167,478 | 3,384 00 |
| Foreign " | 65,900 | 1,817 50 |
| British sail | 1,032 | 32 50 |
| Foreign sail | ..... | |
| | 234,410 | 5,234 00 |

RECAPITULATION.

| — | Tons. | Amount. |
|---|---|---|
| | | $ cts. |
| North Sydney | 220,361 | 6,310 98 |
| International pier | 581,551 | 15,423 50 |
| Sydney | 234,410 | 5,234 00 |
| | 10,363 22 | 26,968 48 |
| Relief fund | ..... | 144 50 |
| | | 27,112 98 |

WHITE FLAG STEAMERS: Licensed 1904.

| Name. | Class. | Amount. |
|---|---|---|
| | | $ cts. |
| Cape Breton | Steamer | 100 00 |
| Louisbourg | " | 100 00 |
| Restigouche | " | 100 00 |
| Harlow | " | 100 00 |
| Wasis | " | 100 00 |
| Coban | " | 100 00 |
| | | 600 00 |

STATEMENT of Receipts and Expenditure.

| RECEIPTS. | $ cts. | EXPENDITURES. | $ cts. |
|---|---|---|---|
| Pilotage receipts | 26,968 48 | Paid pilots | 22,514 62 |
| Relief fund | 144 50 | " apprentices | 3,105 44 |
| White flag licenses | 600 00 | " relief | 360 00 |
| Pilot licenses | 87 00 | " 3 collectors, sec'y and treasurer | 1,500 00 |
| Boat | 10 00 | " commissioners (expenses) | 400 00 |
| | | " office rent and fuel | 50 00 |
| | | " telephone | 25 00 |
| | | " sundries, telegrams, etc | 9 50 |
| | | | 27,964 56 |
| | | | 27,809 98 |
| | 27,809 98 | Over expenditure | 154 58 |

# APPENDIX No. 17

## REPORT OF THE PILOTAGE AUTHORITY OF ST. MARY'S AND LISCOMBE, N.S., FOR THE YEAR ENDING DECEMBER, 31, 1904.

### EDWARD QUINN, PILOT No. 1, ST. MARY'S.

| Date of Arrival. | Where from. | Rig. | Name of Vessel. | Registered Tonnage. | Port of Registry. | Name of Master. | Rate Inward. | Rate Outward. | Total. |
|---|---|---|---|---|---|---|---|---|---|
| 1904. | | | | | | | $ cts. | $ cts. | $ cts. |
| May 15. . . | Halifax.. ..... | Barque..... | Marjorie Tumner..... | 351 | Moncton, N.B.. | Cousins... ..... | 6 00 | 7 34 | 13 34 |
| " 22. | Policarp..... | " ..... | Barrow England... ... | 461 | Norway..... | Rastord ..... | 11 00 | 13 00 | 24 00 |
| June 4..... | Montreal..... | Steam..... | Greetlands..... | 709 | " . . . . | Dramond. ..... | 14 00 | 16 00 | 30 00 |
| " 25..... | Halifax..... | Schooner..... | Lilian Blauvelt.. .. .... | 190 | Yarmouth, N.S. | Goodwin..... | 4 34 | 6 00 | 10 34 |
| August 14.... | England .... ... | Brig..... ... | Gehwija .. ..... ... | 291 | Riga..... | Morrison ..... | 8 00 | 10 00 | 18 00 |
| " 26 ... | Ireland... ..... | Barquentine..... | Ghyra.. ..... ... ..... | 261 | Denmark. ..... | Rochspen..... . | 8 00 | 10 00 | 18 00 |
| October 15.... | Sydney . ... ... | Schooner ... ..... | Jessie Lena... ..... | 279 | New York .. .. | Hogan ..... .. | 8 00 | 10 00 | 18 00 |
| | | | | | | | | | 131 68 |

### JOHN BURNS, PILOT No. 2, ST. MARY'S.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| April 18..... | Sydney..... | Schooner. ..... | Advance.. .. ..... . | 295 | ..... | Smith..... .... | .... ..... | 10 00 | 10 00 |
| May 20..... | .. . ... . . . ... | Barque..... ... | Emily Maria..... | 600 | Norway ..... | Johnson..... | 13 00 | 15 00 | 28 00 |
| July 15..... | ..... | " ..... | Mercury..... | 600 | " ..... | Hanson ..... | 13 00 | 15 00 | 28 00 |
| September 3.. | ..... . . | " ..... | Bertrand..... .... | 498 | " ..... | Janson. ..... .. | 11 00 | 13 00 | 24 00 |
| | Halifax ..... | Schooner. ..... | Stewaick ..... | ..... | British..... | ..... | 11 00 | 13 00 | 24 00 |
| December 21.. | " ..... ... | " ... ..... | Robert Ewing .... . .. | 398 | " ..... .. | ..... ..... | 9 00 | 11 00 | 20 00 |
| | | | | | | | | | 134 00 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| April 14 | Halifax | Schooner | Georgia | 291 | America | Longmire | 9 00 | 11 00 | 20 00 |
| July 4 | Sherbrooke | " | Lilian Blauvelt | 190 | Yarmouth | Capt. Godwin | 6 00 | 8 00 | 14 00 |
| September 26 | Halifax | Barque | Rosa Trappen | 616 | Trappain | | 13 00 | 15 00 | 28 00 |
| | | | | | | | | | 62 00 |

GEORGE H. RILEY, PILOT No. 8, LISCOMBE.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| May 22 | Ireland | Barque | Capella | 646 | N.W. Christinia | Olsen | 13 00 | 15 00 | 28 00 |
| July 7 | | " | Emily Maria | 600 | Norway | Peterson | 12 00 | 14 00 | 26 00 |
| October 29 | Tusket Wedge | Steam | Briardene | 1658 | English | Crowe | 15 34 | 16 34 | 31 68 |
| November 13 | | Barque | Alf | 694 | France | Anderson | 13 00 | 15 00 | 28 00 |
| | | | | | | | | | 113 68 |

SETH McKINLY, PILOT No. 5, LISCOMBE.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| December 10 | Halifax | Schooner | Helen M. Shaftner | 180 | | Dacostu | 5 00 | | |

WILLIAM PRIDE,
*Secretary to Commission.*

# APPENDIX No. 18

## REPORT OF THE PILOTAGE AUTHORITY OF ARICHAT, C.B., FOR THE YEAR ENDING DECEMBER 31, 1904.

ARICHAT, C.B., December 31, 1904.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa, Ont.

SIR:—I inclose a report of the vessels piloted in the port of Arichat, C.B during the year 1904, by the following pilots:—

Albert Bouchie, pilot No. 5—
Brt. ss. *Harlaw*, 275 tons, in and out..... $15 00
John Gayetche, pilot No. 1—
Barkentine *Glenville*, 298 tons, in and out..... $15 00
Schooner *Acacia*, 135 tons, in and out..... 9 75

Navigation is closed up about this time.

Yours truly,

ISIDORE LE BLANC,
*Secretary, Pilotage Authority.*

# APPENDIX No. 19

## REPORT OF THE PILOTAGE AUTHORITY OF PARRSBORO, N.S., FOR THE YEAR ENDING DECEMBER 31, 1904.

Report of the Pilotage Authority for the district of Parrsboro, N.S., for the year ended December 31, 1904:—

| | |
|---|---|
| 7 British vessels paid | $387 00 |
| 3 Foreign vessels paid | 183 35 |
| | $570 35 |
| Paid Pilot Robert Anderson | $526 65 |
| Office contingencies | 15 00 |
| Commissioners expenses | 10 00 |
| Secretary for salary | 18 70 |
| | $570 35 |

No change in rates or pilots since last year.

E. GILLESPIE,
*Secretary, Parrsboro Pilotage Authority.*

# APPENDIX No. 20

## REPORT OF THE PILOTAGE AUTHORITY OF PUGWASH, FOR THE YEAR ENDING DECEMBER 31, 1904.

PUGWASH, January 13, 1905.

To the Honourable
Minister of Marine and Fisheries.

SIR,—I beg to report on behalf of the commissioners of pilots for the ports of Pugwash and Port Philip, for the year ending December 31, 1904, as follows:—

| No. | Names of licensed pilots. | Age. | No. | Names of licensed pilots. | Age. |
|---|---|---|---|---|---|
| 1 | Neil McKeiver | 45 | 5 | John Seaman | 70 |
| 2 | Clarence Reid | 51 | 6 | Andrew Seaman | 62 |
| 3 | George Cooper | 53 | 7 | Alfred E. Seaman | 26 |
| 4 | George Heather | 60 | 8 | George Tuttle King | 25 |

| Names of ships. | Nationality. | Tons. | Pilotage. | Pilots. |
|---|---|---|---|---|
| SS. Lum | Norwegian | 791 | $ 36 00 | Neil McKeiver. |
| Barque Alf | " | 650 | 34 00 | John Seaman. |
| SS. Hydonia | German | 1,541 | 64 39 | George Heather. |
| Barque Normanvic | Norwegian | 680 | 34 00 | Andrew Seaman. |
| " Gamma | " | 575 | 32 00 | " " |
| SS. Normand | " | 1,350 | 55 75 | Alfred E. Seaman. |
| SS. Glitra | " | 1,426 | 59 17 | Andrew Seaman. |
| SS. Hydonia | German | 1,542 | 65 00 | Alfred Seaman. |
| SS. Bylgia | " | 1,294 | 53 23 | Neil McKeiver. |
| SS. Gaman | Sweedish | 1,601 | 72 04 | George Heather. |
| Barque Saturnes | Norwegian | 580 | 32 00 | Neil McKeiver. |
| SS. Sophia | " | 854 | 38 00 | George Heather. |
| | | | 575 58 | |
| Pilotage for extra moving and mooring | | | 55 00 | |
| In addition to the above amount the pilots have collected from schooners as follows:— | | | | |
| Andrew Seaman | $ 5 00 | | | |
| Neil McKeiver | 10 80 | | | |
| Tuttle King | 15 00 | | | |
| John Seaman | 11 50 | | | |
| | | | 42 30 | |
| Total | | 12,884 | 672 88 | |

The above amount has been earned by the pilots so employed, and they have been paid, I holding receipts for the same.

Eight ships Norwegian, 1 Swedish, 3 German; total, 12; tonnage, 12,884.

A number of schooners enter this port each season, that do not employ a licensed pilot.

No accident of any kind has happened to any vessel entering or leaving this port during the shipping season of 1904.

There is no pilotage fund in this port.

The above report is most respecfully submitted.

I am, sir, your most humble and obedient servant.

ELIAS KING,
*Secretary of Pilotage Authority for ports Pugwash and Port Philip.*

# APPENDIX No. 21

## REPORT OF THE PILOTAGE AUTHORITY OF BUCTOUCHE, FOR THE YEAR 1904.

BUCTOUCHE, N.B., January 31, 1905.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I herewith transmit annual report of the pilotage authority district of Buctouche for the year 1904.

The amount of pilotage collected is considerable of an increase over that of the last few years.

Yours truly,
JOHN C. ROSS.

PILOTAGE returns, district of Buctouche, province of New Brunswick, for the year 1904.
Act 36 Vict., cap. 54, sec. 24.

1st. Names and ages of pilots licensed:—Joseph Crossman, age 53 years; Joseph Belleisle, age 48 years.

2nd. The above pilots are licensed to undertake the pilotage of vessels of every description within and throughout the pilotage district of Buctouche.

3rd. Pilotage dues are charged as per section 12 of rules and regulations for the district, viz.: One dollar and fifty cents per foot draught of water, both inward and outward bound.

4th. Total amount of pilotage dues paid, $167.50. Of this amount $78 was paid by 2 foreign vessels (Norwegian), the balance ($89.50) by 3 steam barges and 1 schooner, all British.

5th. The pilotage dues as above were paid to the pilots who performed their duties as such to the respective vessels.

6th. No new licenses were issued nor expenses incurred by the pilotage authority during the year.

JOHN C. ROSS,
*Secretary of Buctouche Pilotage Authority.*

BUCTOUCHE, N.B., January 31, 1905.

# APPENDIX No. 22

## REPORT OF THE PILOTAGE AUTHORITY OF RICHIBUCTO, N.B., FOR THE YEAR ENDING DECEMBER 31, 1904.

REXTON, KENT Co., N.B., November 29, 1904.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa, Ont.

SIR,—We the Pilot Commissioners of the port of Richibucto, N.B., send you our annual report for this port, ending November 30, 1904, which please kindly acknowledge.

The annual meeting of pilots and commissioners of this port met in Mr. W. Brait's office, Rexton on March 30, W. Brait, Esq., chairman.

Minutes of last year's meeting read and accepted.

George Long, formerly a pilot of this port, having made written application for renewal of pilot license was approved and license granted.

The following five pilots were granted licenses for the season of 1904:—William Irving, No. 1; James W. Long, No. 2; Albert A. Long, No. 4; John A. Curwen, No. 5; George Long, No. 6.

Eight vessels of 3,583 tons register loaded deals here and sailed for British ports.

One hundred and fifty schooners, about 10,000 tons register, loaded and sailed coastwise.

No causalties to report. Depth of water, 13 feet on bars o.s.

Yours respectfully,

JAMES GORDON,
*Secretary of Pilot Commissioners.*

# APPENDIX No. 23

## REPORT OF THE PILOTAGE AUTHORITY OF CARAQUET, FOR THE YEAR ENDING DECEMBER 31, 1904.

CARAQUET, N.B., December 31, 1904.

To the Honourable
The Minister of Marine and Fisheries,
Ottawa.

SIR,—I beg to inclose statement of pilotage dues received by the pilots of the Pilotage Authority of Caraquet during the season of 1904, also statement of my account as secretary with the Pilot Commissioners for the same year.

I have the honour, to be, sir,
Your obedient servant,

PHILIP RIVE,
*Pilot Commissioner and Secretary to Pilot Commission.*

Philip Rive in account with Pilot Commissioners.

| DR. 1904. | $ cts. | CR. | $ cts. |
|---|---|---|---|
| To received from Pilot Gauvin for boat license | 1 00 | By paid for postages and stationery | 1 00 |
| To received from Pilot Ed. LeBoatellier for boat license | 1 00 | By salary | 7 00 |
| To received from Auguste Poulain for boat license (2 years) | 2 00 | | 8 00 |
| To received from Pilot Chas. Vebert for boat license | 1 00 | | |
| To received from Pilot Joseph A. Cherson for boat license | 1 00 | | |
| To received from Pilot, Xavier Poulain for boat license | 1 00 | | |
| To received from Pilot Alex. J. Wilson for boat license | 1 00 | | |
| | 8 00 | | |

PHILIP RIVE,
*Pilot Commissioner and Secretary to Pilotage Authority.*

CARAQUET, December 31, 1904.

STATEMENT of Pilotage paid during year 1904 in the Pilotage District of Caraquet.

| Name of Vessel. | Nationality. | Rig. | Tonnage. | Date of Arrival. | Name of Pilot Inwards. | Date of Sailing. | Name of Pilot Outwards. | Amount of Pilotage. |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | $ cts. |
| Alliance | British.. | Schooner.... | 99 | May 25 | Chs. Vibert... | June 2 | Chs. Vibert... | 22 00 |
| Kodan | Danish.. | Barkentine.. | 130 | " 28 | " ... | " 2 | " ... | 31 40 |
| Veritas | " | " | 163 | June 10 | " ... | " 15 | Xav. Poulin.. | 23 20 |
| Jules Maria | | | | Sept. 1 | " ... | Sept. 15 | Chs. Vibert... | 23 00 |
| Maud | British.. | Schooner.... | 99 | Oct. 1 | " ... | Oct. 14 | " ... | 27 60 |
| Alliance | " | " | 99 | " 11 | " ... | Nov. 1 | " ... | 23 00 |
| Hibernica | " | Barkentine.. | 147 | " 25 | " ... | " 15 | " ... | 26 60 |
| | | | | | | | | 176 80 |

# APPENDIX No. 24

## REPORT OF THE PILOTAGE AUTHORITY OF ST. ANDREWS, N.B., FOR THE YEAR ENDING DECEMBER 31, 1904.

ST. ANDREWS, N.B., January 11, 1905.

F. GOURDEAU, Esq.
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—Inclosed find reports of pilotage returns for 1904, from Wellington Cline and Joseph Boyd, pilots for Charlotte county.

Have no blanks or regulations; would like to have them for the pilots when they call in the spring.

MARSHAL STINSON.

## RETURN of Pilotage for year ending December 31, 1904.

### JOSEPH BOYD, PILOT, CAMPOBELLO.

| Date. | Name of Vessel. | Description. | Tonnage. | Nationality. | Where from. | Draft of Water. | | Pilotage. | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Inwards. | Outwards. | Inwards. | Outwards. | Total. |
| 1904. | | | | | | ft. | ft. | $ cts. | $ cts. | $ cts. |
| Feb. 22 | Gypsum Empress | Schooner | 723 | British | New York | 15 | 10 | 25 50 | 15 00 | 40 50 |
| March 20 | S. A. Fawnes | " | 123 | " | " | 12 | 6 | 18 00 | 9 00 | 27 00 |
| May 5 | Myrtle Leaf | " | 325 | " | " | 12 | 8 | 18 00 | 12 00 | 30 00 |
| June 12 | Louis Chaples | " | 260 | American | Boston | 10 | 14 | 15 00 | 21 00 | 36 00 |
| August 20 | Elsie | " | 140 | British | " | 8 | 12 | 12 00 | 18 00 | 30 00 |
| Oct. 17 | Hattie Dixon | Barkentine | 470 | American | New York | 14 | 10 | 21 00 | 15 00 | 36 00 |
| " 24 | Norah Wiggins | " | 450 | British | Philadelphia | 10 | 12 | 15 00 | 18 00 | 33 00 |
| | | | | | | | | | | 229 50 |

### WELLINGTON CLINE, PILOT, DEER ISLAND.

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| March 2 | Gypsum King | Schooner | 700 | British | New York | 16 | 11 | 27 20 | 16 50 | 43 70 |
| June 7 | Pleasantville | " | 100 | " | Halifax | 8 | 12 | 12 00 | 18 00 | 30 00 |
| July 8 | Demoyla | " | 160 | " | New York | 11 | 8 | 16 50 | 12 00 | 28 50 |
| " 6 | Emma Dundicou | " | 260 | Foreign | Boston | 8 | 12 | 12 00 | 18 00 | 30 00 |
| " 23 | Comeo | " | 200 | " | New York | 12 | 9 | 18 00 | 13 50 | 31 50 |
| " 27 | Hattie C. | " | 160 | British | " | 11 | 7 | 16 50 | 10 50 | 27 00 |
| Sept. 23 | Charles H. Trickey | " | 230 | Foreign | " | 7 | 17 | 10 50 | 16 50 | 27 00 |
| Nov. 26 | George D. Edmond | " | 432 | " | " | 9 | 14 | 13 50 | 21 00 | 34 50 |
| | | | | | | | | | | 252 20 |

# APPENDIX No. 25

## REPORT OF THE PILOTAGE AUTHORITY OF MIRAMICHI, N.B, FOR THE YEAR ENDING DECEMBER 31, 1904.

NEWCASTLE, MIRAMICHI, N.B., January 3, 1905.

LIEUT.-COL. F. GOURDEAU,
Deputy Minister of Marine and Fisheries,
Ottawa, Ont.

SIR,—I have the honour to hand you herewith the pilotage returns for the district of Miramichi, N.B., for the year ending December 31, 1904.

I am, sir,
Your ol edient servant,

BYRON N. CALL,
*Secretary-Treasurer to Pilotage Commissioners.*

PILOTAGE returns for the pilotage district of Miramichi, N.B., year ending December 31, 1904.

| Class of Vessel. | Number. | Total. |
|---|---|---|
| Vessels reported inwards— | | |
| British steamers | 20 | |
| " sailing vessels | 21 | |
| Foreign steamers | 18 | |
| " sailing vessels | 36 | |
| | | 95 |
| Vessels reported outwards— | | |
| British steamers | 20 | |
| " sailing vessels | 20 | |
| Foreign steamers | 18 | |
| " sailing vessels | 36 | |
| | | 94 |
| Vessels removed— | | |
| British steamers | 12 | |
| " sailing vessels | 1 | |
| Foreign steamers | 12 | |
| " sailing vessels | 11 | |
| | | 36 |

BYRON N. CALL,
*Secretary-Treasurer to Pilotage Commissioners.*

PILOTAGE returns for the pilotage district of Miramichi, N.B., year ending December 31, 1904.

| Class of Vessel. | Amount. | Total. |
|---|---|---|
| | $ cts. | $ cts. |
| Total amount of pilotage inwards— | | |
| British steamers | 1,235 97 | |
| " sailing vessels | 472 52 | |
| Foreign steamers | 955 34 | |
| " sailing vessels | 984 43 | |
| | | 3,648 6 |
| Total amount of pilotage outwards— | | |
| British steamers | 1,371 68 | |
| " sailing vessels | 542 00 | |
| Foreign steamers | 1,223 68 | |
| " sailing vessels | 1,275 00 | |
| | | 4,412 36 |
| Total amount for removals— | | |
| British steamers | 99 00 | |
| " sailing vessels | 6 00 | |
| Foreign steamers | 126 00 | |
| " sailing vessels | 84 00 | |
| | | 315 00 |
| | | 8,375 62 |

BYRON N. CALL,
*Secretary-Treasurer to Pilotage Commissioners.*

RATES of Pilotage chargeable at Miramichi, N.B., on vessels, British and Foreign, for the year ended December 31, 1904.

| | |
|---|---|
| When inward bound | $2.25 per foot. |
| And in addition to the above for all vessels propelled wholly or in part by steam | 2c. per reg. ton. |
| When outward bound | $2 per foot. |
| And in addition to the above for all vessels propelled wholly or in part by steam | 2c. per reg. ton. |
| For the removal and mooring of vessels over 300 tons | $4. |
| And where the distance of removal exceeds four miles, fifty per cent additional on the above rate. | |
| Removals within a distance of one mile are not compulsory, but when pilots are requested by captains to perform this service the charge is | $4. |
| Steam tug boats towing one or more coal barges inwards may depart outwards after having paid full pilotage for the tug and barges inwards, without paying any outward pilotage except on the tug | |

NATIONALITY of Vessels piloted Inwards during the year 1904.

| | No. | | No. |
|---|---|---|---|
| American | 3 | Italian | 2 |
| Austrian | 1 | Norwegian | 27 |
| British | 41 | Russian | 1 |
| Danish | 2 | Swedish | 2 |
| German | 16 | | |
| | | Total vessels piloted | 95 |

BYRON N. CALL,
*Secretary-Treasurer to Pilotage Commissioners.*

PILOTAGE Returns for the Pilotage District of Miramichi, N.B., for the year ending December 31, 1904.

| No. | Name. | Age. | For what Service. | Remarks. |
|---|---|---|---|---|
| 2 | Louis Jimmo | 50 | Full license | |
| 6 | Francis Martin | 70 | " | |
| 7 | Maxime Martin | 59 | " | |
| 10 | Alexander Wilson | 58 | " | |
| 11 | Robert J. Walls | 53 | " | |
| 22 | William Walls, sr | 50 | " | |
| 26 | John McCallum | 52 | " | |
| 27 | James Nowlan | 53 | " | |
| 28 | Dudley P. Walls | 58 | " | Died at Chatham, N.B., Dec. 12, 1904. |
| 29 | George Sutton | 53 | " | |
| 30 | James A. Nowlan | 49 | " | |
| 31 | George T. Tait | 47 | " | |
| 32 | Joseph Jimmo | 49 | " | |
| 33 | James McCallum | 60 | " | |
| 35 | John Martin | 45 | " | |
| 36 | Asa Walls | 45 | " | |
| 37 | William Walls, jr | 47 | " | |
| 38 | John Nowlan | 48 | " | |
| 39 | Patrick Nowlan | 45 | " | Died at Chatham, N.B., 1903. |
| 41 | Michael J. Jimmo | 37 | " | |
| 42 | George M. Nolan | 48 | " | |
| 43 | Christopher C. McLean | 57 | " | |
| 44 | George Savoy | 60 | " | |

LIST of pilot boats licensed.

| No. | Name of Boat. | Tonnage. | Captain's Name. | First Licensed. |
|---|---|---|---|---|
| 15 | *Princess Louise* | 20·85 | Asa Walls | May, 1879. |
| 16 | *Senator Snowball* | 30·95 | Jas. A. Nowlan | " 1897. |
| 17 | *Mabel* | 22 | George Savoy | " 1900. |

BYRON N. CALL,

*Secretary-Treasurer to Pilotage Commissioners.*

THE Miramichi Pilots, in account with B. N. Call, Secretary-Treasurer.

| 1904. | | DR. | $ cts. |
|---|---|---|---|
| June | 18.. | To paid W. S. Loggie Co., account sch. *Princess Louise* | 3 48 |
| " | 18.. | " " *Senator Snowball* | 6 22 |
| " | 18.. | J. B. Snowball Co. " " | 11 65 |
| " | 18.. | " " *Princess Louise* | 8 24 |
| July | 18.. | Asa Walls, fitting out sch. " | 42 00 |
| " | 18.. | Joseph Jimmo " *Senator Snowball* | 42 00 |
| " | 18.. | Geo. Stothar, account " *Princess Louise* | 16 87 |
| " | 18.. | " " " *Senator Snowball* | 5 40 |
| " | 18.. | R. J. Walls, prem. insurance on seine | 9 00 |
| Aug. | 18.. | J. B. Snowball Co., account sch. *Princess Louise* | 13 97 |
| " | 18.. | " " *Senator Snowball* | 26 15 |
| " | 18.. | W. S. Loggie Co. " " | 1 95 |
| " | 18 . | A. C. McLean's account, hardware | 4 19 |
| " | 18.. | Wm. Richards & Co.'s account, lumber | 6 07 |
| " | 18.. | Mrs. Annabella McLean, the late Angus McLean's share in pilot schooners. | 127 58 |
| | 25.. | Draft in favour Peake Bros. & Co., Charlottetown, P.E.I., towage sch. *Senator Snowball* | 50 25 |
| Sept. | 17.. | Jas. P. Searle, rent pilots' office, to April, 1905 | 20 00 |
| " | 17.. | A. & R. Loggie, for net | 15 17 |
| " | 17.. | Miller's Foundry Co., hauling out sch. *Princess Louise* | 19 50 |
| " | 17. | Patk. Coleman, labour repairing sch. *Senator Snowball* | 10 50 |
| " | 17.. | James Curran " " " | 10 50 |
| " | 17.. | J. W. & J. Anderson, account " | 3 75 |
| " | 17.. | V. A. Danville " " | 31 00 |
| Oct. | 18.. | Mrs. Elizabeth Nowlan, the late Patrick Nowlan's share in pilot schooners. | 127 58 |
| " | 18.. | W. S. Loggie Co., account sch. *Senator Snowball* | 31 82 |
| " | 18.. | Chas. Shield's account " | 5 75 |
| " | 18.. | " " *Princess Louise* | 5 25 |
| " | 18.. | W. S. Loggie Co.'s account " | 3 75 |
| " | 18.. | Alex. Martin, pension for year 1904 | 75 00 |
| Nov. | 18.. | Ed. Burke, account sch. *Princess Louise* | 6 75 |
| " | 18.. | " " *Senator Snowball* | 15 50 |
| " | 18.. | A. J. Loggie, account sch. *Princess Louise* | 2 08 |
| " | 18.. | J. B. Snowball, account sch. *Senator Snowball* | 53 74 |
| " | 18.. | " " *Princess Louise* | 3 18 |
| " | 18.. | George Watt " " | 5 31 |
| " | 25.. | A. C. McLean " " | 7 54 |
| " | 25.. | " " *Senator Snowball* | 2 60 |
| " | 25.. | A. & R. Loggie, rent warehouse for 1904 | 10 00 |
| " | 25.. | Miramichi Steam Navigation Co., fares for 1904 | 3 55 |
| " | 25.. | Anslow Bros. account, printing | 2 00 |
| " | 25.. | B. N. Call, secy.-treas., postage and stationery | 3 50 |
| " | 25.. | Edward Johnson, account stationery for pilots' office | 3 87 |
| Dec. | 1.. | B. N. Call, services as secretary-treasurer, commission on $8,775.62 at 3 pc. | 263 27 |
| " | 1.. | Eighteen pilots, $6,166.74, and four pilots, $1,491.40 | 7,658 14 |
| " | 1.. | | 8,775 62 |
| | | CR. | |
| " | 1.. | By amount collected pilotage in.. $3,648 26 | |
| " | 1.. | " " out.. 4,412 36 | |
| " | 1.. | " " for removals 315 00 | |
| " | 1.. | " earned by pilots outside 400 00 | 8,775 62 |

BYRON N. CALL,
*Secretary-Treasurer to Pilotage Commissioners.*

J. C. MILLER,
*Chairman.*

# APPENDIX No. 26

## REPORT OF THE PILOTAGE AUTHORITY OF SHEDIAC, FOR THE YEAR ENDING DECEMBER 31, 1904.

SHEDIAC, N.B., Feb. 1, 1905.

F. GOURDEAU, Esq.,
Deputy of Minister Marine,
Ottawa.

SIR.—I send inclosed report for pilotage commission, Shediac district, for year ending December, A.D., 1904.

Yours very truly,
W. A. RUSSELL.

PILOTAGE OFFICE, SHEDIAC, N.B., January, 1905.

F. GOURDEAU, Esq.
Deputy Minister of Marine,
Ottawa.

The Pilot Authority of the port of Shediac, N.B., beg leave to submit the following report for the year ending 31st December, A.D., 1904.

| Names of Pilots in district. | Age. | Serving full district. |
|---|---|---|
| 1. Docity P. LeBlanc | 64 | " |
| 2. Thomas McGrath | 55 | " |
| 3. Olaf Hendricksen | 50 | " |
| 4. Paul P. LeBlanc | 57 | " |

No. of vessels reported liable to pay pilotage.

| | Inwards. | Outwards. |
|---|---|---|
| British sailing vessels | 3 | 3 |
| Foreign " | 8 | 8 |
| | 11 | 11 |

Nationality of above vessels reported inwards during A.D., 1904.

| | |
|---|---|
| Canadian | 3 |
| Norwegian | 7 |
| Russian | 1 |

The total amount received from pilotage services for the year, as follows:

| | |
|---|---|
| From Canadian vessels | $ 123 75 |
| " Foreign " | 352 25 |
| | $ 476 00 |

The amount was all paid in to the above pilots.
The rates of pilotage for the above district are as follows:—

For pilotage inwards and outwards, $1.50 per foot draught of water. Each remove, $4.

Yours respectfully,

W. A. RUSSELL,
*Secretary.*

# APPENDIX No. 27

## REPORT OF THE PILOTAGE AUTHORITY OF RESTIGOUCHE, FOR THE YEAR ENDING DECEMBER 31, 1904.

PILOTAGE COMMISSIONERS' OFFICE,
DISTRICT OF RESTIGOUCHE, N.B.,
CAMPBELLTON, N.B., January 9, 1905.

HON. R. PREFONTAINE, M.P., K.C.,
Minister of Marine and Fisheries,
Ottawa, Canada.

SIR,—I have the honour to transmit to you herewith the pilotage commissioners annual report for the year ending December 31, 1904.

We beg to report that during the season of 1904, we suspended pilot Daniel C. MacNeill, for drunkenness, and such suspension runs till May 1, 1905, the conduct of all the other pilots has been good and their work satisfactory.

*Buoy System.*—We beg to call your attention to the very unsatisfactory way in which this work is carried on and the very unsatisfactory way in which the contracts are carried out in regard to placing them and keeping them in position. We are constantly getting complaints from ship masters and pilots about the buoys being out of position and we would recommend to your honour that all contracts in future for placing and looking after the buoys be awarded to the pilots, first because of the very small wages they earn, and secondly, that we think that we shall have a very much more satisfactory service. We would further recommend that your honour place some gas buoys in this district to light the channel at night, and the channel we think could be well lighted with the addition of four or five gas buoys and as the trade of the district is increasing very rapidly these matters should have your immediate attention.

*Lightship.*—We beg to thank your honour for placing this vessel in position, and while the light itself is very good, the vessel is altogether too small for a satisfactory service and too small for men to live on board, and in our opinion they should if at all possible have good quarters, and at the same time they could see that lights and buoys were always in position which will be very much needed on account of Gaspe-Campbellton mail service having to be operated from Campbellton this year and for the next five years.

We also beg to call your honour's attention to the absolute necessity of having the harbour dredged both at Campbellton and at the Traverse Bar, five miles below Campbellton.

We beg also to call your attention to the fact that a petition has been circulated asking your honour that some more buoys be placed in the river between Campbellton and Ste-Anne de Restigouche, and as there is a large mill there, that is yearly increasing its cut, we recommend that the prayer of the petition be granted, but when the buoys are ordered to be placed that the placing of same be given to the pilots of our district. All of which is respectfully submitted.

By order of the commissioners

FRANK S. BLAIR,
*Secretary-Treasurer.*

## PORT OF CAMPBELLTON, N. B.

| Name of Pilot. | Name of Vessel. | Nationality. | Rig. | Tonnage. | Total Dues. | Commission. | Total Paid Pilot. |
|---|---|---|---|---|---|---|---|
| | | | | | $ cts. | $ cts. | $ cts. |
| Daniel C. McNeil | Leonard Parker | British | Schooner | 246 | 33 00 | 0 99 | 32 01 |
| Robert McNeil | Blenheim | " | " | 199 | 31 50 | 0 94 | |
| " | Rockcliff | " | Steamship | 1,496 | 85 92 | 2 57 | |
| " | Aljuca | Norwegian | Barque | 1,039 | 67 62 | 2 03 | 179 50 |
| John McNeil | Baroesa | " | " | 911 | 50 50 | 1 51 | |
| " | Aero | Danish | " | 215 | 34 65 | 1 04 | |
| " | Ophelia | Norwegian | " | 1,127 | 65 87 | 1 87 | |
| " | Basuta | British | Steamship | 1,839 | 109 28 | 3 27 | |
| " | Birgit | Norwegian | Barque | 1,067 | 65 25 | 1 95 | 315 81 |
| Ed. Elsliger | Kando | Danish | " | 200 | 33 50 | 1 00 | |
| " | Arnveig | Norwegian | " | 287 | 44 50 | 1 33 | |
| " | Albani | British | Schooner | 249 | 28 50 | 0 85 | |
| " | Nyasso | " | Steamship | 1,786 | 102 72 | 3 08 | |
| " | Golden Rule | " | Schooner | 148 | 27 00 | 0 81 | |
| " | Saga | Norwegian | Barque | 1,235 | 67 25 | 2 01 | |
| " | Evolution | British | Schooner | 173 | 30 00 | 0 90 | |
| " | Ethel Clark | " | " | 342 | 34 50 | 1 03 | |
| " | Auckland | Norwegian | Barque | 1,244 | 60 50 | 1 80 | |
| " | Papcsa | " | " | 996 | 59 50 | 1 80 | 473 36 |
| Jos. Elsliger | Albatros | " | " | 878 | 62 75 | | |
| " | Edith Sheraton | British | " | 313 | 28 50 | | |
| " | Aberdeen | " | D.G.S. | 674 | 33 32 | | |
| " | Rota | Danish | Barque | 165 | 35 75 | | |
| " | Eurydice | British | " | 1,079 | 72 25 | | |
| " | Fremad | Danish | Schooner | 324 | 45 50 | | |
| " | La Conadienne | British | D.G.S. | 226 | 33 02 | 9 33 | 301 76 |
| Neil Neilsen | Basuta | " | Steamship | 1,839 | 92 78 | | |
| " | Fremad | Danish | Barque | 223 | 44 12 | | |
| " | Hedwig | German | Steamship | 1,540 | 79 30 | | |
| " | Evolution | British | Schooner | 175 | 27 00 | | |
| " | Fernando | Italian | Barque | 1,308 | 73 37 | | |
| " | Nebo | Norwegian | " | 1,020 | 60 25 | | |
| " | City of Benares | Russian | Ship | 1,436 | 69 50 | | |
| " | De Gregore gio Batta | Italian | " | 1,200 | 60 12 | 15 19 | 491 25 |
| Total for Port of Campbellton, N.B. | (34 vessels) | | | 27,199 | 1,849 09 | 55 40 | 1.793 69 |

## OUTPORT OF RIVER LOUISON.

| Name of Pilot. | Name of Vessel. | Nationality. | Rig. | Tonnage. | Total Dues. | Commission. | Total paid Pilot. |
|---|---|---|---|---|---|---|---|
| | | | | | $ cts. | $ cts. | $ cts. |
| Wm. Donahue | Ida Barte | Norwegian | Barque | 602 | 29 00 | 0 87 | |
| " | Julia Maria | British | Schooner | 247 | 27 00 | 0 81 | |
| " | Benj. Bangs | Norwegian | Barque | 1,082 | 40 50 | 1 21 | |
| " | Atlas | " | Steamship | 834 | 34 68 | 1 04 | |
| " | Sigrid | " | Barque | 536 | 30 50 | 0 91 | 156 84 |
| Robert McNeil | Veritas | Danish | Schooner | 162 | 17 00 | 0 51 | |
| " | Vanloo | Italian | Barque | 1,465 | 39 00 | 1 17 | |
| " | Hefhir | Norwegian | " | 800 | 41 50 | 1 24 | 94 58 |
| Ed. Elsliger | Solsherg | " | " | 889 | 82 00 | 0 96 | 31 04 |
| John McNeil | Lily | " | " | 499 | 25 00 | 0 75 | 24 25 |
| Jos. Elsliger | Klaro | " | " | 430 | 29 00 | 0 87 | 28 13 |
| Total for Outport River Louison (11 | Vessels) | | | 7,546 | 345 18 | 10 34 | 334 84 |

## PORT OF DALHOUSIE.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Robert McNeil | Richard | British | Steamship | 279 | 25 58 | 0 77 | |
| " | Sebago | American | Schooner | 254 | 26 50 | 0 80 | 50 21 |
| Jos. Elsliger | Helene Horn | German | Steamship | 1,150 | 58 00 | 1 74 | |
| " | " | " | " | 1,150 | 63 00 | 1 89 | |
| " | Norden | Danish | Barque | 218 | 25 00 | 0 75 | |
| " | Sebago | American | Schooner | 254 | 19 50 | 0 50 | 160 62 |
| Neil Neilsen | Regina | Norwegian | Barque | 798 | 36 00 | 1 08 | |
| " | Montgomeryshire | " | " | 1,300 | 44 50 | 1 34 | 78 08 |
| Ed. Elsliger | Trio | " | " | 870 | 36 50 | 1 10 | |
| " | Borias | " | " | 433 | 29 50 | 0 89 | |
| " | Venus | Swedish | " | 327 | 29 00 | 0 87 | |
| " | R. D. Spears | American | Schooner | 299 | 19 00 | 0 57 | |
| " | Carrie Easter | British | " | 179 | 24 00 | 0 72 | |
| " | Rjukan | Norwegian | Steamship | 1,107 | 56 64 | 1 70 | 188 79 |
| Wm. Donahoe | P. G. Blanchard | " | Barque | 1,213 | 42 00 | 1 26 | |
| " | Aelos | " | " | 548 | 27 00 | 0 81 | |
| " | Gamen | " | " | 870 | 59 50 | 1 19 | |
| " | Atlantic | Danish | " | 270 | 24 50 | 0 74 | |
| " | Albani | British | Schooner | 249 | 15 00 | 0 45 | 143 55 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| John McNeil | Arvilla | Norwegian | Barque | 999 | 41 50 | 1 25 | |
| " | Maren | Danish | " | 203 | 26 00 | 0 78 | |
| " | Micmac | British | Steamship | 1,599 | 70 98 | 2 13 | 134 32 |
| Daniel McNeil | Preference | " | Schooner | 242 | 20 00 | 0 60 | |
| " | Aelos | Norwegian | Barque | 548 | 5 00 | 0 15 | |
| " | Leah A. Whidden | British | Schooner | 198 | 13 00 | 0 39 | 36 86 |
| Robert McNeil | J. W. Hutt | " | " | 349 | 23 50 | 0 70 | 22 80 |
| Total for Port of Dalhousie, N.B. (25 vessels) | | | | 15,906 | 840 70 | 25 17 | 815 53 |

RECAPITULATION.

| Ports. | Vessels. | Tonnage. | Total Dues. | Commission. | Paid Pilots. |
|---|---|---|---|---|---|
| | | | $ cts. | $ cts. | $ cts. |
| Campbellton | 34 | 27,199 | 1,849 09 | 55 40 | 1,793 69 |
| Dalhousie | 25 | 15,906 | 840 70 | 25 17 | 815 53 |
| River Louison | 11 | 7,546 | 345 18 | 10 34 | 334 84 |
| Total for district | 70 | 50,651 | 3,034 97 | 90 91 | 2,944 06 |

INDIVIDUAL earnings of pilots.

| Names. | Total Dues. | Commission. | Net Amount. |
|---|---|---|---|
| | $ cts. | $ cts. | $ cts. |
| Ed. Elsliger | 714 61 | 21 42 | 693 19 |
| N. Neilsen | 586 94 | 17 61 | 569 33 |
| Jos. Elsliger | 505 59 | 15 08 | 490 51 |
| John McNeil | 489 03 | 14 65 | 474 38 |
| Robert McNeil | 358 12 | 10 73 | 347 39 |
| Wm. Donahue | 309 68 | 9 29 | 300 39 |
| D. C. McNeil | 71 00 | 2 13 | 68 87 |
| Grand Total | 3,034 97 | 90 91 | 2,944 06 |

FRANK S. BLAIR,
*Secretary.*

KILGOUR SHIVES,
*Chairman.*

CAMPBELLTON, N.B., December 31, 1904.

# APPENDIX No. 28

## REPORT OF THE PORT WARDEN AT MONTREAL FOR THE YEAR ENDING DECEMBER 31, 1904.

MONTREAL, January 5, 1905.

Honourable RAYMOND PRÉFONTAINE,
Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour by direction of the council of this board and in compliance with section 31 of the Act governing the port warden's office, 45 Vic., chap. 45, to transmit herewith documents as follows:

1. Port warden's annual report for the year 1904.
2. Audited statement of receipts and expenditures of the port warden's office for the year ending December 31, 1904.
3. Statement of investments of port warden's surplus funds.

I have the honour to be, sir,
Your obedient servant,

GEO. HADRILL,
*Secretary.*

MONTREAL, December 31, 1904.

To the President and Council,
of the Board of Trade, Montreal.

GENTLEMEN,—I have the honour to submit the annual report of the business of this office, with the statement of exports, receipts and expenditure for the year 1904.

The river did not open very early this season, the ice bridge at Cap Rouge holding till April 29, the R. & O. Quebec steamers making their first trip on May 2.

The gulf ice delayed the arrival of the first fleet of steamers, the steamships *Lake Champlain* and *Corinthian* having turned back and gone to Halifax to land their passengers.

The first steamer to arrive in the river from sea was the ss. *Britannia* from Sydney, C.B., with coal. She arrived at Quebec at 3 p.m. on April 24, evading the gulf ice by coming through the Gulf of Canso and Northumberland straits, and did not see any ice. This steamer was also the first to arrive at this port, arriving 8 p.m. Sunday May 1, the next steamers to arrive were the ss. *Ionian* at noon, and the ss. *Dominion* at 5.30 p.m. on Wednesday May 4.

The first sailing vessel to arrive was the schooner *M. J. Taylor*, from Barbadoes with a cargo of molasses on June 12.

The ss. *Jacona* was the first vessel to enter the Gulf of St. Lawrence by the Straits of Belle Isle, she passed in at noon on June 30, and reported encountering very little ice. All steamships from the northern ports of Europe (with the exception of the C.P. Ry. Atlantic steamships) have made use of this route this season without mishap, thus dispelling in a measure the unwarranted prejudice which had arisen against this route, which is being steadily improved year by year, the latest addition being the establishment of a lightship off Heath Point, Anticosti.

The last ocean steamer to sail was the ss. *Etolia* for South African ports, at 9 a.m. on Nov. 27, which closed our season for navigation.

Three hundred and sixty-five oversea or foreign going vessels of all kinds were entered at this office with a tonnage of 1,218,368 tons, as against four hundred and fifty-nine vessels of 1,399,621 tons, a decrease of ninety-four vessels and 181,253 tons, compared with last season.

The business of the lower ports this season consisted of: entered three hundred and sixty-six vessels, with a tonnage of 573,843 tons, against three hundred and nine vessels of 456,714 tons last season, an increase of fifty-five vessels, and 117,129 tons.

There has been a notable increase in the importation of Canadian coal this season, the quantity brought to the St. Lawrence by the Dominion Coal Co. is 1,116,191 tons, against 846,137 tons last year, an increase of 270,054 tons, the increase by other companies is 29,154 tons. There has been a decrease in the importation of Scotch and English coal of 86,380 tons.

Clearances of vessels loaded for the lower ports were as follows: 93 vessels of all classes, with a tonnage of 73,276 tons, against 90 vessels, and 60,860 tons last season, being an increase of 3 vessels and 12,416 tons.

There have been very few disasters in the river and Gulf of St. Lawrence. The only serious disaster being the stranding of the ss. *Hiberian* near Cape Ray.

Improved facilities for the navigation of the river are being steadily increased, a number of gas boys having been placed the past season, enabling the steamships of the largest class to come up the river, and land at their wharfs at any hour.

The shipments of various kinds for the past season manifested and reported at this office, are as per attached statements.

All of which is respectfully submitted.

ARCHIBALD REID,
*Port Warden.*

COMPARATIVE STATEMENT of Shipments, 1903 and 1904 as per manifests reported at the Port Warden's Office.

| Description. | | 1903. | 1904. | 1904. | |
|---|---|---|---|---|---|
| | | | | Increase. | Decrease. |
| Wheat | Bush. | 16,320,211 | 7,637,540 | ..... | 8,682,671 |
| Buckwheat | " | 65,250 | 115,259 | 50,009 | |
| Peas | " | 308,632 | 221,754 | ..... | 86,878 |
| Barley | " | 320,287 | 816,864 | 496,577 | |
| Rye | " | 594,419 | 4,641 | ..... | 589,778 |
| Oats | " | 1,126,472 | 1,209,384 | 82,876 | |
| Corn | " | 6,646,867 | 3,592,535 | ..... | 3,054,332 |
| Flaxseed | " | 115,569 | ..... | ..... | 115,569 |
| Total | | 25,497,707 | 13,597,941 | 629,462 | 12,529,228 |
| | | | | | 629,462 |
| Total decrease for the year 1904 | | ..... | ..... | ..... | 11,899,766 |
| Flour and meal | Brls. | 1,231,148 | 941,282 | ..... | 289,866 |
| Ashes | " | 466 | 765 | 299 | |
| Apples | " | 702,280 | 356,444 | ..... | 345,836 |
| Cheese | Boxes. | 2,389,848 | 2,103,267 | ..... | 286,581 |
| Butter | Pkges. | 339,118 | 489,830 | 150,712 | |
| Eggs | " | 153,707 | 81,316 | ..... | 72,391 |
| Boxmeats | " | 261,607 | 303,924 | 42,317 | |
| Lard | " | 264,207 | 331,763 | 67,556 | |
| Dead meats | Qtrs. | ..... | 382 | 382 | |
| Pulp | Tons. | 1,441 | 3,833 | 2,392 | |
| Paper | " | 4,104 | 7,271 | 3,167 | |
| Sundries | " | 47,352 | 52,749 | 5,397 | |
| Hay | " | 31,975 | 39,388 | 7,413 | |
| Oilcake | " | 20,436 | 18,739 | ..... | 1,697 |
| Minerals | " | 5,911 | 12,451 | 6,450 | |
| Dried grain | Tons. | ..... | 55 | 55 | |
| Lumber, ft. | B.M. | 225,468,695 | 146,272,952 | ..... | 79,195,743 |
| * Cattle | Head | 147,574 | 109,604 | ..... | 37,970 |
| * Horses | " | 326 | 312 | ..... | 14 |
| Sheep | " | 60,900 | 47,036 | ..... | 13,864 |

* Including shipments to South Africa of 232 cattle and 11 horses.

## Statement of Oversea or Foreign-going Vessels.

| Description. | 1903. | | 1904. | |
|---|---|---|---|---|
| | No. | Tons. | No. | Tons. |
| Steamers | 455 | 1,396,442 | 357 | 1,215,384 |
| Barques | 2 | 1,388 | 4 | 1,462 |
| Brigs and schooners | 1 | 249 | 4 | 1,522 |
| Ships | 1 | 1,542 | ..... | ..... |
| Totals | 459 | 1,399,621 | 365 | 1,218,368 |

Decrease of 94 vessels and 181,253 tons.

## Statement of Lower Port Arrivals.

| | | | | |
|---|---|---|---|---|
| Steamers | 293 | 452,874 | 354 | 571,617 |
| Brigs and schooners | 16 | 3,840 | 12 | 2,226 |
| Totals | 309 | 456,714 | 366 | 573,843 |

Increase of 55 vessels and 117,129 tons.

## Clearances of Lower Ports.

| | | | | |
|---|---|---|---|---|
| Steamers | 79 | 58,757 | 83 | 72,357 |
| Brigs and schooners | 11 | 2,103 | 10 | 919 |
| Totals | 90 | 60,860 | 93 | 73,276 |

Increase of 3 vessels and 12,416 tons.

| | |
|---|---|
| Revenue, 1903 | $ 12,793 82 |
| " 1904 | 10,864 06 |
| Decrease | $ 1,929 76 |

# PORT WARDEN'S OFFICE.

DR. STATEMENT of Receipts and Expenditure for year ended December 31, 1904. CR.

| 1903 | | $ cts. | $ cts. |
|---|---|---|---|
| Dec. 31.. | To balance cash in bank.. | 13,241 51 | |
| | Cash in port warden's hands.. | 99 70 | |
| | | | 13,341 21 |
| 1904. | Outstanding accounts, 1903. | | 25 81 |
| Dec. 31.. | Revenue derived as under: | | |
| | 7,637,540 bushels wheat. | | |
| | 115,259 " buckwheat. | | |
| | 221,754 " peas | | |
| | 816,864 " barley | | |
| | 4,641 " rye | | |
| | 1,209,348 " oats. | | |
| | 3,592,535 " corn | | |
| | 18,739 tons oil-cake. | | |
| | 12,451 " minerals | | |
| | 55 " dried grains | | |
| | 765 barrels ashes | | |
| | 941,282 " flour and meal. | | |
| | 356,444 " apples. | 891 11 | |
| | 109,916 head oxen and horses. | 1,099 16 | |
| | 47,036 " sheep | 117 59 | |
| | 239,504 tons sundries. | 4,790 08 | |
| | 39,388 " hay. | 787 76 | |
| | 146,272,952 feet sawn lumber. | 731 36 | |
| | Port warden's fees (inwards) | 148 50 | |
| | " " (outwards). | 2,036 00 | |
| | Special surveys | 130 00 | |
| | Damaged cargo certificates.. | 132 50 | |
| | | | 10,864 06 |
| | Interest, bank account. | 279 58 | |
| | Treasurer, Board of Trade, interest on investments | 3,498 44 | |
| | | | 3,778 02 |
| | | | 28,009 10 |
| 1905. Jan. 2.. | Balance. | 7,665 69 | |

| 1904. | | $ cts. | $ cts. |
|---|---|---|---|
| Dec. 31.. | By paid salaries, &c.: | | |
| | Archd. Reid, port warden | 2,700 00 | |
| | Jas. N. Bales, deputy port warden.. | 2,000 00 | |
| | W. J. Andrews, bookkeeper | 1,700 00 | |
| | H. C. Lane, clerk | 720 00 | |
| | W. Bannie, junior clerk | 176 00 | |
| | J. A. Vibert, allowance | 300 00 | |
| | Superannuation allowance: | | |
| | Archd. Reid, port warden | 300 00 | |
| | Jas. N. Bales, deputy port warden.. | 200 00 | |
| | W. J. Andrews, bookkeeper | 200 00 | |
| | J. A. Vibert | 179 94 | |
| | Board of Trade, secretarial expenses | 1,000 00 | |
| | | | 9,475 00 |
| | Rent, fuel and taxes | 312 58 | |
| | Telephone, light, cleaning office, &c. | 234 70 | |
| | Lloyds' register and shipping papers | 34 45 | |
| | Books, printing and stationery | 104 00 | |
| | Cab and car-fares | 14 50 | |
| | Miscellaneous expenses. | 42 09 | |
| | Alf. W. Hadrill, auditor | 100 00 | |
| | | | 10,318 26 |
| | Treasurer, Board of Trade, for investment. | | 10,000 00 |
| | Outstanding accounts written off, 1903.. | | 18 31 |
| | " 1904 | | 6 84 |
| | Balance, cash in bank. | 7,602 13 | |
| | " " port warden's hands | 63 56 | |
| | | | 7,665 69 |
| | | | 28,009 19 |

Audited and found correct, E. & O. E.

ALF. W. HADRILL, *Auditor.*

ARCHIBALD REID,
*Port Warden.*

MONTREAL, January 3, 1905.

STATEMENT of the Investments of the Surplus Funds of the Port Warden's Office at Montreal, and of interest accruing therefrom during the year ended December 31, 1904.

| Date. | — | Amount. | Per cent for 12 mos. | Interest. |
|---|---|---|---|---|
| | | $ cts. | | $ cts. |
| Feb. 16, 1880.. | Expended $2,380.34 in purchase of Dominion Government stock | 2,300 00 | 3½ | 80 50 |
| Aug. 16, 1880.. | Expended $7,254.11 in purchase of city of Montreal registered stock | 7,000 00 | 5 | 350 00 |
| April 18, 1884.. | Expended $5,031.34 in purchase of city of Montreal registered stock, Nos. 1720, 1, 2, 3, 4, five at $1,000 each | 5,000 00 | 4 | 200 00 |
| Mar. 14, 1887.. | Expended $10,320.75 in purchase of city of Montreal consolidated stock | 10,000 00 | 4 | 400 00 |
| ..... | Loan to Montreal Board of Trade building fund | 60,000 00 | 4 | 2,400 00 |
| Oct. 31, 1904.. | " " " " | 10,000 00 | 4* | 69 74 |
| | Total investments | 94,300 00 | | 3,500 24 |

* For sixty-two days.

JAMES THOM,
*Treasurer, Montreal Board of Trade.*

GEORGE HADRILL,
*Secretary, Montreal Board of Trade.*

# APPENDIX No. 29

## REPORT OF THE PORT WARDEN AT QUEBEC, FOR THE YEAR ENDING DECEMBER 31, 1904.

QUEBEC, December 5, 1904.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa, Ont.

SIR,—As is usual at the close of the season I send you a return of the business transacted in the Port Warden's office during the season just closed. It shows the receipts and disbursements to have been as follows, viz. :—

| | |
|---|---|
| Receipts from all sources | $774 50 |
| Disbursements, rent, salaries, &c | 424 50 |
| Balance, total net receipts | $350 00 |

I also inclose report on cattle and sheep shipped at Quebec, in duplicate, on which no fees were charged, as per instructions.

Only one steamer took 100 head of cattle at Quebec during the season.

The business done in this office during the season just closed has been much less than any former year. Owing to the depression of trade and the remuneration is very small after deducting office rent, clerk's salary, taxes and other office expenses as above

With much respect.

I am your obedient servant,

W. SIMONS,
*Port Warden.*

PORT WARDEN'S OFFICE,
101 St. Peter Street, Quebec,
December 31, 1904.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa, Ont.

SIR,—As requested by the 30th section of the Port Warden's Rules I beg respectfully to submit the following annual statement of the business transacted in this office during the year ending December 31, 1904, as follows :—

Fifty-nine steamers were surveyed for clearance outwards, after taking part cargo on board at this port, having previously shipped part cargo of grain and other goods at Montreal.

Twenty-six steamers and ten sailing vessels were surveyed, their hatches opened and cargo examined on their arrival from sea.

Five steamers and three sailing vessels were surveyed on account of grounding and stranding in the river St. Lawrence below and above Quebec.

Four steamers and two sailing vessels were surveyed on account of collision damage.

Two steamers were surveyed and their value estimated for general average purpose.

Two surveys were held on damaged goods in store and on wharfs.

The receipts and disbursements of this office were as follows :—

| | |
|---|---|
| Receipts from all sources | $774 50 |
| Expenses | 424 50 |
| Balance, net receipts | $350 00 |

Besides the above there were several vessels damaged by stranding and otherwise that did not come under the Port Warden Rules.

One steamer took live stock at Quebec during the season, amounting in all to 100 cattle, on which if fees had been collected as in former years, would have amounted to $1.50.

With much respect,
I am your obedient servant,

W. SIMONS, Naval Architect,
*Port Warden.*

# APPENDIX No. 30

## REPORT OF THE PORT WARDEN AT HALIFAX, N. S., FOR THE YEAR ENDING DECEMBER 31, 1904.

HALIFAX, December 31, 1904.

F. GOURDEAU, Esq.
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour to submit my report for the year ending December 31, 1904, accompanied by a statement of the receipts and expenditure during that period.

Surveys have been held on sixteen steamers and seven sailing vessels which arrived at this port in a damaged condition during the year. The necessary repairs were made to the vessels and those of them bound to other ports with their cargoes proceeded to their destinations where they have all arrived safely.

I have the honour, to be, sir,
Your most obedient servant,

DAVID HUNTER,
*Port Warden.*

RECEIPTS AND EXPENDITURE of the Port Warden, Halifax, N.S., from January 1, to December 31, 1904.

| DR. | $ cts. | CR. | $ cts. |
|---|---|---|---|
| To amount of fees received as Port Warden | 1,840 50 | By paid assistants, office expenses, &c. | 1,331 54 |
| To fees for Inspection of Cattle Fittings | 105 25 | By amount reverting to Port Warden | 614 21 |
| | 1,945 75 | | 1,945 75 |

I hereby certify that the above is a true and correct statement of the receipts and expenditure of the Port Warden at Halifax, N.S. during the year 1904.

DAVID HUNTER,
*Port Warden.*

# APPENDIX No. 31

## REPORT OF THE PORT WARDEN AT PICTOU, N. S., FOR THE YEAR ENDING DECEMBER 31, 1904.

PICTOU, N.S., January 3, 1905.

| | |
|---|---|
| SS. *Lunenburg* of Halifax, August 2, two surveys | $ 16 00 |
| October 28, schooner *Minnie E. Moody*, of Richibucto, N.B., one survey, no hatches | 2 50 |
| Total | 18 50 |
| Expenses, &c | $ 3 00 |

W. C. MUNRO,
*Port Warden of the Port of Pictou, N.S.*

# APPENDIX No. 32

## REPORT OF THE PORT WARDEN AT PORT HAWKESBURY, FOR THE YEAR ENDING DECEMBER 31, 1904.

PORT HAWKESBURY, January 6, 1905.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour to submit my annual report of the doings of this office with a statement of the fees collected by me. And also the attendant expenses during the past year.

I have the honour to be, sir,
Your obedient servant,
D. W. HENESEY.

| | | |
|---|---|---|
| 2 surveys on steamer *Shannon* | $ 33 00 | |
| 1 survey on hatches of schooner *Earnest* | 2 50 | |
| 2 surveys on schooner *Minnie E. Moody* | 23 00 | |
| 2 surveys on schooner *Robt. F. Mason* | 33 00 | |
| 3 surveys on steamer *Pawnee* | 38 00 | |
| 2 surveys on schooner *Clarence B.* | 10 00 | |
| | | $ 139 50 |
| Paid Wm. Duff, shipwright | $ 10 00 | |
| J. J. Hennesey, master mariner | 30 00 | |
| W. H. Paint, Loyds' agent | 10 00 | |
| Capt. Lewis Anderson, marine Ins. agent | 5 00 | |
| K. Morrison, marine engineer | 15 00 | |
| | | $ 70 00 |
| Balance | | 69 50 |
| | | $ 139 50 |
| Amount reverting to Port Warden | | 69 50 |

I hereby certify the above to be correct to the best of my knowledge and belief.

D. W. HENESEY,
*Port Warden.*

(Sworn to before.)
WILLIAM DUFF.

PORT HAWKESBURY, January 6, 1905.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour to submit my annual report, being that for the year ending December 31, 1904.

I have the honour to be, sir,
Your obedient servant,
D. W. HENESEY,
*Harbour Master.*

| Number. | Rig. | Registered Tonnage. | Fees Collected. |
|---|---|---|---|
| 8 | Steamers | 2,456 | $ 15 00 |
| 1 | Barge | 99 | 1 00 |
| 1 | Barkentine | 560 | 4 00 |
| 1 | Brigantine | 318 | 2 00 |
| 90 | Schooners | 7,575 | 87 50 |
| | | 11,002 | 109 50 |

I hereby certify that the above is a true and correct statement of all harbour dues collected at Port Hawkesbury, for the year ending December 31, 1904, to the best of my knowledge and belief.

D. W. HENESEY,
*Harbour Master.*

Sworn to before.
WILLIAM DUFF, J.P.
January 6, 1905.

# APPENDIX No. 33

## REPORT OF THE PORT WARDEN FOR PRINCE EDWARD ISLAND FOR THE YEAR ENDING DECEMBER 31, 1904.

PORT WARDEN'S OFFICE,
PRINCE EDWARD ISLAND, December 31, 1904.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour to submit my annual report of the business of my office during the past year.

I regret to report that the grain crop has been below the average this year, which caused very little being shipped from the island this season.

I am glad to say that vessels loading any cargoes under my supervision have arrived safely at port of destination.

I have the honour to be, sir,
Your obedient servant,

H. P. WELSH.

RECEIPTS and Expenditure of the Port Warden's Office, Prince Edward Island, for the year ending December 31, 1904.

| Date. | Receipts. | Amount. | Date. | Expenditure. | Amount. |
|---|---|---|---|---|---|
| 1904. | | $ cts. | 1904. | | $ cts. |
| | To fees derived from grain-laden vessels | 16 70 | | By Expense of office | 5 25 |
| | Survey on hatches | 6 00 | | Commission to deputies | 8 35 |
| | Other surveys | 28 00 | | Balance | 37 10 |
| | | 50 70 | | | 50 70 |

I hereby certify that the above is a correct statement.

H. P. WELSH.

CHARLOTTETOWN, P.E.I., December 31, 1904.

# APPENDIX No. 34

## REPORT OF THE PORT WARDEN AT YARMOUTH, N.S., FOR THE YEAR ENDING DECEMBER 31, 1904.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I now have the honour to forward you my report as port warden at Yarmouth, N.S. I have been called on twenty-one times for surveys of vessels arriving in distress and for seaworthiness after being repaired, including survey on their cargo, if any; also surveys of hatches.

The gross amount of fees collected for the year was $283. I paid out for assistance $110, leaving a net balance of $173.

I have the honour to remain,
Your obedient servant,

EBN'R. SCOTT,
*Port Warden.*

On this fifth day of January, A.D. 1905, before me, the subscriber, personally came and appeared Ebenezer Scott, above named, and made oath that the above report, to which he has subscribed his name, is correct and true.

EDGAR N. CLEMENTS,
*Notary Public, Yarmouth, N.S.*

# APPENDIX No. 35

## REPORT OF THE PORT WARDEN AT ST. ANDREWS, N.B., FOR THE YEAR ENDING DECEMBER 31, 1904.

ST. ANDREWS, Jan. 6, 1905.

| | |
|---|---|
| Surveyed hatches schr. *Gypsum Empress* | $ 2 50 |
| " " *Gypsum King* | 2 50 |
| | $ 5 00 |

JOHN WREN,
*Port Warden.*

# APPENDIX No. 36

## REPORT OF THE PORT WARDEN AT ANNAPOLIS, N.S., FOR THE YEAR ENDING DECEMBER 31, 1904.

ANNAPOLIS, N.S., December 31, 1904.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour to submit my report as port warden of this port for the year ending December 31, 1904.

Amount of fees collected, $13.

I have the honour to be, sir,
Your most obedient servant,

SIMON W. RILEY,
*Port Warden.*

# APPENDIX No. 37

## REPORT OF THE PORT WARDEN AT HOPEWELL CAPE, FOR THE YEAR ENDING DECEMBER 31, 1904.

HOPEWELL CAPE, February 14, 1905.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

DEAR SIR,—I am in receipt of your favour of the 10th inst., and note contents.

Although a large amount of shipping has visited our port, my services have not been called upon. It was an oversight on my part in not forwarding my report.

Truly yours,

H. J. BENNETT.

# APPENDIX No. 38

## REPORT OF THE PORT WARDEN AT SYDNEY, N.S., FOR THE YEAR ENDING DECEMBER 31, 1904.

SYDNEY, N.S., January 11, 1905.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—Herewith I have the honour to hand you my report for the year 1904 as port warden for the port of Sydney, N.S.

Your obebient servant,

NELSON H. TOWNSEND,
*Port Warden.*

## PORT WARDEN'S RECORD OF SHIPPING,

| Date. | Ship's Name. | Master's name. | Register Tonnage. |
|---|---|---|---|
| 1904. | | | |
| April 13 | S.S. Priestfield | Day | 2,612 |
| | " Salerno | Olsen | 1,683 |
| May 21 | " Indriana | Gillies | 2,339 |
| " 26 | " Sicily | Keys | 1,130 |
| " 23 | " Kennebec | Roberts | 1,923 |
| " 28 | " Eidwald | Hamberg | 2,292 |
| " 31 | " Melville | Jones | 2,871 |
| " 31 | " Bangor | Brown | 2,201 |
| June 15 | " Naparima | Fyfe | 1,043 |
| " 16 | " Hermes | Skogg | 2,046 |
| " 20 | " Edith Heyne | Schubert | 1,338 |
| " 21 | " Hector | Boxstrom | 1,336 |
| July 18 | " Minnie | Peet | 783 |
| " 27 | Bangor | Brown | 2,201 |
| " 30 | " Hesperus | Himberg | 1,275 |
| Aug. 6 | " Oscar II | Peterson | 2,247 |
| " 20 | " Yanarina | Grindlay | 2,155 |
| " 24 | " Bernilla | Jackson | 1,633 |
| Sept. 2 | " Forest Holme | Beaton | 1,544 |
| " 21 | " Degama | Bridges | 2,245 |
| " 26 | " Lord Londonderry | Girvan | 1,621 |
| " 27 | " Oriana | Sullivan | 2,382 |
| " 30 | " Oscar II | Peterson | 2,247 |
| Oct. 3 | " Atlas | Jacobsen | 834 |
| " 4 | " Fos | Tufte | 1,582 |
| " 4 | " Herbert Horn | Hinz | 1,493 |
| " 13 | " Loughrigg Holme | Chadwick | 1,317 |
| " 14 | " Donald | Rosseland | 408 |
| " 15 | " Skanderborg | Jensen | 1,195 |
| " 29 | " Donald | Rosseland | 408 |
| " 29 | " Progress | Sheen | 1,641 |
| Nov. 24 | " Tordenskjold | Kroger | 2,296 |
| " 26 | " Oscar II | Peterson | 2,247 |
| " 26 | " Melville | Jones | 2,871 |
| Dec. 2 | " Sirius | Ralff | 814 |
| | Total | | 60,753 |

INTERNATIONAL PIER,
SYDNEY, N.S., January 11, 1905.

## INTERNATIONAL PIER, SYDNEY.

| Cargo. | Place from. | Place to. | Draft. Forward. ft. | Draft. Forward. in. | Draft. Aft. ft. | Draft. Aft. in. | Free Board. ft. | Free Board. in. | Fee. $ cts. |
|---|---|---|---|---|---|---|---|---|---|
| Pig iron and steel billets | Sydney, N.S. | Liverpool | 23 | 9 | 23 | 9 | 6 | 10 | 8 00 |
| " spool wood | " | Glasgow | 23 | 0 | 23 | 0 | 3 | 6 | 8 00 |
| " steel billets; also general cargo. | " and Baltimore | " | 23 | 9 | 25 | 4 | 6 | 5½ | 8 00 |
| Steel billets | Sydney | Liverpool | 20 | 10 | 21 | 11 | 5 | 2 | 8 00 |
| Grain | Chicago, Ill | New York | 13 | 9 | 14 | 6 | 13 | 6 | 8 00 |
| Coal | Sydney, N.S. | Stockholm | 22 | 11 | 23 | 5 | 6 | 4 | 8 00 |
| General cargo | Montreal | Cape Town, S.A. | 23 | 10 | 24 | 0 | 6 | 2½ | 8 00 |
| Deals | Newcastle, N.B. | Belfast | 21 | 6 | 22 | 0 | 9 | 6½ | 8 00 |
| " | Three Rivers | London | 17 | 6 | 17 | 6 | 1 | 10 | 8 00 |
| " | Montreal and Quebec | " | 20 | 11 | 21 | 2 | 5 | 10 | 8 00 |
| " | Nelson, N.B. | Preston, Eng. | Mean | | Draft. | | 18 | 2½ | 8 00 |
| " | English Bay, Que. | Bristol | 16 | 8 | 18 | 0 | 2 | 8½ | 8 00 |
| " | Rimouski | Fleetwood | 22 | 0 | 22 | 0 | 9 | 5½ | 8 00 |
| " | Chatham, N.B. | Belfast | 17 | 6 | 18 | 7 | 8 | 5 | 8 00 |
| " and general cargo | English Bay, Que. | Bristol | 17 | 6 | 18 | 6 | 18 | 0½ | 8 00 |
| Coal | Sydney, N.S. | Stockholm | 20 | 5 | 21 | 2 | 3 | 9 | 8 00 |
| Deals | Matane, Que. | Cork | 20 | 4 | 23 | 3 | 9 | 6½ | 8 00 |
| " | Three Rivers, Que. | London | 19 | 0 | 20 | 0 | 4 | 8¼ | 8 00 |
| " | Three Pistoles, Que. | Yarmouth, Eng. | 19 | 2 | 19 | 10 | 10 | 1½ | 8 00 |
| Coal | Sydney, N.S. | Vera Cruz, M. | 20 | 1 | 23 | 0 | 5 | 8½ | 8 00 |
| Deals | Chatham, N.B. | Dublin | 20 | 5 | 21 | 2 | 7 | 9 | 8 00 |
| General cargo | Montreal | Cape Town, S.A. | 21 | 0 | 20 | 3 | 10 | 9½ | 8 00 |
| Coal | Sydney, N.S. | Stockholm | 20 | 5 | 21 | 2 | 3 | 9 | 8 00 |
| Deals | New Mills, N.B. | Brow Head | 17 | 0 | 18 | 4 | 2 | 8 | 8 00 |
| " | Rimouski, Que | Londonderry | 19 | 9 | 20 | 6 | 3 | 3 | 8 00 |
| " | Chatham, N.B. | Dublin | Mean | | Draft. | | 18 | 6 | 8 00 |
| " | Bathurst, N.B | Bordeaux | 18 | 2 | 19 | 2 | 9 | 8 | 8 00 |
| Pitch and coal tar | Sydney, N.S. | Port Amboy | Mean | | Draft. | | 15 | 6 | 8 00 |
| Deals | Rimouski | London | " | | " | | 17 | 7½ | 8 00 |
| Pitch and coal tar | Sydney | Port Amboy | " | | " | | 15 | 6 | 8 00 |
| Deals | Chicoutimi | Queensboro' | 23 | 4 | 23 | 4 | 6 | 10 | 8 00 |
| " | Chatham, N.B. | Brow Head | Mean | | Draft. | | 19 | 7½ | 8 00 |
| Coal | Sydney | Stockholm | 20 | 2 | 20 | 6 | 4 | 2 | 8 00 |
| " | " | Cape Town, S.A. | 24 | 0 | 23 | 10 | 6 | 2½ | 8 00 |
| " | " | Stockholm | 15 | 5¾ | 16 | 6½ | 2 | 0¾ | 8 00 |
| | | | | | | | | | 280 00 |

NELSON H. TOWNSEND,
*Port Warden.*

# APPENDIX No. 39

## REPORT OF THE PORT WARDEN AT MONCTON, N.B., FOR THE YEAR ENDING DECEMBER 31, 1904.

MONCTON, N.B., February 13, 1905.

F. GOURDEAU, Esq.
Deputy Minister Marine and Fisheries,
Ottawa, Ont.

SIR,—Replying to yours, No. 25,927 under date of February 10, 1905, I beg to inclose the report of the year ending December 31, 1904, for the port of Moncton, New Brunswick.

Yours very truly,

JAMES HAMILTON,
*Port Warden.*

| | | Fees. |
|---|---|---|
| April 28. | Survey held on hatch of schooner *Virginia* | $ 2 50 |
| September 29. | Survey held on cargo of molasses, schooner *Virginia*, damaged by heavy weather | 5 00 |
| | | $7 50 |

JAMES HAMILTON,
*Port Warden, Port of Moncton.*

# APPENDIX No. 40

## REPORT OF THE PORT WARDEN AT WESTPORT, FOR THE YEAR ENDING DECEMBER 31, 1904.

WESTPORT, January 5, 1904.

F. GOURDEAU,
Deputy Minister Marine and Fisheries,
Ottawa, Ont.

SIR,—I have the honour to submit my report as port warden at Westport. I neither visited nor collected money from a single vessel during the last year.

I have the honour to be, sir,

Your obedient servant,

GEO. WELCH,
*Port Warden.*

# APPENDIX No. 41

## REPORT OF THE PORT WARDEN AT VANCOUVER, B.C., FOR THE YEAR ENDING DECEMBER 31, 1904.

VANCOUVER, B.C., January 9, 1905.

F. GOURDEAU,
Deputy Minister Marine and Fisheries,
Ottawa, Ont.

SIR,—I have the honour of submitting to you my annual report of port warden of the port of Vancouver, B.C., ending December 31, 1904.

Amount of fees received for surveys of hatches and cargoes, $424.

I have the honour to be,
Your obedient servant,

MALCOLM McLEOD,
*Harbour Master.*

# APPENDIX No. 42

## REPORT OF THE PORT WARDEN AT VICTORIA, B.C., FOR THE YEAR ENDING DECEMBER 31, 1904.

January 4, 1905

Deputy Minister Marine and Fisheries,
Ottawa, Ont.

SIR,—I have the honour of submitting my report as port warden, for the ports of Victoria and Esquimalt, B.C, for the year ending on the 31st of December, 1904.

| | |
|---|---|
| Amount of fees received for surveys on the hatches of 36 vessels | $ 180 00 |
| Amount received for surveys on cargoes. &c | 343 50 |
| Total amount of fees received | $ 523 50 |

I have the honour to be, sir,
Your obedient servant,

CHAS. E. CLARKE,
*Port Warden.*

# APPENDIX No. 43

## HARBOUR MASTERS.

TABLE showing the names of ports proclaimed under certain Dominion Acts, the provisions of which are found in chapter 86, Revised Statutes of Canada, for the appointment of harbour masters; the dates of proclamation; the names of the harbour masters appointed; the dates of the appointment of harbour masters; the amount which each of their salaries is not to exceed; the amount of fees collected by each of them during the calendar year ended December 31, 1904, and the overplus, if any, paid in to the credit of the Receiver General.

### PROVINCE OF ONTARIO.

| Name of Port. | Date of Proclamation. | Name of Harbour Master. | Date of Appointment. | Amount from the fees of office salary not to exceed. | Amount collected in 1904. | Amount paid over to Receiver General. |
|---|---|---|---|---|---|---|
| | | | | $ cts. | $ cts. | $ cts. |
| Collingwood | Mar. 3, '77 | Henry Foreman | May 5, '04 | 200 00 | | |
| Depot Harbour | May 30, '98 | J. F. Pratt | June 15, '98 | 200 00 | | |
| Fort William | July 7, '91 | Thos. E. Oakley | May 21, '97 | 400 00 | | |
| French River | June 20, '93 | S. C. McElwain | " 16, '04 | 200 00 | | |
| Goderich | April 22, '76 | William Marlton | " 8, '94 | 300 00 | | |
| Meaford | July 16, '02 | Samuel McClain | July 16, '02 | 200 00 | | |
| Midland | " 22, '82 | John White | " 13, '97 | 300 00 | | |
| Oshawa | Aug. 10, '04 | W. T. Henry | Aug. 10, '04 | 300 00 | | |
| Parry Sound | Mar. 19, '83 | John Purvis | Oct. 9, '00 | 200 00 | | |
| Penetanguishene | Feb. 2, '77 | Francis Dusome | June 3, '81 | 200 00 | | |
| Port Arthur | May 12, '84 | B. Guerard | May 21, '97 | 200 00 | | |
| Port Stanley | Jan. 15, '98 | Frank E. Shepard | Jan. 15, '98 | 200 00 | | |
| Rondeau | May 4, '78 | W. R. Fellowes | Dec. 17, '88 | 100 00 | | |
| Southampton | Sept. 23, '75 | W. H. Johnson | Oct. —, '82 | 100 00 | | |
| Sarnia | July 25, '85 | Robt. McAdam | May 3, '86 | 300 00 | | |
| Trenton | Nov. 12, '04 | Oscar C. Lawson | Nov. 12, '04 | 200 00 | | |

### PROVINCE OF QUEBEC.

| | | | | | | |
|---|---|---|---|---|---|---|
| Amherst | Sept. 2, '78 | John Cassidy | Sept. 2, '78 | 200 00 | | |
| Bersimis | July 31, '91 | Earl D. Chase | July 31, '91 | 200 00 | | |
| Carleton | Dec. 8, '81 | Charles Bernier | April 15, '02 | 200 00 | | |
| Chicoutimi | May 23, '85 | Ainsworth Sturton | June 8, '86 | 200 00 | | |
| Grand Entry | Feb. 19, '92 | John A. Chenell | " 21, '04 | 200 00 | | |
| Grand River | April 3, '00 | Geo. Beaudin | April 3, '00 | 100 00 | | |
| Gaspé | Sept. 25, '74 | Francis G. Eden | " 3, '89 | 500 00 | | |
| House Harbour | Aug. 19, '87 | C. Lafrance | Dec. 10, '96 | 200 00 | | |
| Matane | Oct. 19, '77 | L. J. Levasseur | " 12, '96 | 200 00 | | |
| Métis | Feb. 7, '78 | J. H. Ferguson | Mar. 10, '96 | 200 00 | | |
| New Carlisle | " 25, '89 | John Chisholm | April 22, '02 | 200 00 | | |
| New Richmond | April 3, '82 | F. X. Cormier | " 15, '02 | 200 00 | | |
| Nouvelle | Jan. 3, '03 | Joseph Casey | Jan. 3, '03 | 200 00 | | |
| Oak Bay | Mar. 22, '80 | Thos. Harper | July 12, '04 | 200 00 | | |
| Paspebiac | May 23, '77 | W. L. Kempffer | Sept. 21, '00 | 150 00 | | |
| Percé | Sept. 17, '03 | E. Donoghue | Oct. 10, '03 | 100 00 | | |
| Port Daniel | Mar. 25, '89 | George McInnis | April 30, '03 | 200 00 | | |
| Rimouski | " 5, '77 | A. P. St. Laurent | May 13, '96 | 200 00 | | |
| Rivière Ouelle | July 22, '82 | Vacant | | 100 00 | | |
| Rivière du Loup | June 19, '00 | F. E. Gilbert | Oct. 5, '02 | 100 00 | | |

BLE showing the names of Ports proclaimed under the Dominion Acts, &c.—*Con.*

PROVINCE OF QUEBEC—*Concluded.*

| ame of Port. | Date of Proclamation. | Name of Harbour Master. | Date of Appointment. | Amount from the fees of office salary not to exceed. | Amount collected in 1904. | Amount paid over to Receiver General. |
|---|---|---|---|---|---|---|
| | | | | $ cts. | $ cts. | $ cts. |
| omas | Dec. 21, '85 | L. Dionne | Oct. 22, '96 | 200 00 | ..... | ..... |
| ns | Within the Harbour of Montreal | G. H. Farrar | Mar. 20, '97 | 550 00 | ..... | ..... |
| | | J. A. Proulx | June 6, '01 | 400 00 | ..... | ..... |
| istoles | Mar. 28, '98 | Edouard T. Pettigrew | April 11, '99 | 100 00 | ..... | ..... |

PROVINCE OF NEW BRUNSWICK.

| | | | | | | |
|---|---|---|---|---|---|---|
| | May 2, '98 | Gideon W. Parsons | May 2, '98 | 100 00 | ..... | ..... |
| st | " 30, '73 | N. Haché | April 14, '03 | 200 00 | ..... | ..... |
| Harbour and er Harbour | Sept. 22, '83 | E. W. Cross | Sept. 17, '83 | 100 00 | ..... | ..... |
| che | May 30, '73 | H. Hutchinson | April 17, '97 | 100 00 | ..... | ..... |
| ellton | " 30, '73 | G. E. Asker | May 5, '04 | 200 00 | ..... | ..... |
| bello | " 30, '73 | W. E. Sulis | Dec. 16, '92 | 100 00 | ..... | ..... |
| ormentine | " 7, '95 | M. S. Treen | May 13, '01 | 200 00 | ..... | ..... |
| et | " 30, '73 | X. G. Paulin | July 16, '02 | 150 00 | ..... | ..... |
| m | " 30, '73 | R. J. Walls | April 13, '98 | 300 00 | ..... | ..... |
| e | " 30, '73 | H. Bourgeois | Mar. 12, '97 | 100 00 | ..... | ..... |
| sie | " 30, '73 | W. S. Smith | " 19, '88 | 200 00 | ..... | ..... |
| ster | " 30, '73 | James Shea | Oct. 25, '00 | 200 00 | ..... | ..... |
| ren | " 30, '01 | Alonzo Calder | July 30, '01 | 200 00 | ..... | ..... |
| cton | " 30, '73 | Vacant | ..... | ..... | ..... | ..... |
| Manan, North | Aug. 22, '89 | Newton L. Thomas | Oct. 9, '00 | 100 00 | ..... | ..... |
| Manan, South | " 22, '89 | Turner Ingalls | May 23, '01 | 100 00 | ..... | ..... |
| ck Channel | Jan. 14, '98 | A. Johnson | April 27, '04 | ..... | ..... | ..... |
| hemogue | May 17, '75 | Vacant | ..... | ..... | ..... | ..... |
| | Apl. 10, '75 | Wm. Wood | June 9, '03 | 100 00 | ..... | ..... |
| Channel | July 15, '97 | Duncan Robertson | July 15, '97 | 200 00 | ..... | ..... |
| rough | May 30, '73 | John O'Shaughnessy | April 13, '98 | 150 00 | ..... | ..... |
| ell Cape | Aug. 25, '91 | John H. Christopher | June 26, '99 | 200 00 | ..... | ..... |
| f St. Stephens | May 30, '73 | W. McBean | " 12, '94 | 100 00 | ..... | ..... |
| &c. | Sept. 15, '83 | Jacob Cook | Nov. 26, '97 | 100 00 | ..... | ..... |
| Shippegan and u Gully | April 19, '86 | Donald Harper | April 19, '86 | 100 00 | ..... | ..... |
| hemogue | Sept. 5, '88 | Vacant | ..... | 100 00 | ..... | ..... |
| n | May 30, '73 | T. J. Coffey | April 12, '02 | 200 00 | ..... | ..... |
| ish | Mar. 26, '74 | J. McNulty | Sept. 28, '96 | 100 00 | ..... | ..... |
| tle | May 30, '73 | John Russell | June 27, '04 | 300 00 | ..... | ..... |
| loggins | " 30, '73 | Vacant | ..... | ..... | ..... | ..... |
| gin and Baie Verte | Feb. 6, '73 | Andrew Grant | May 7, '01 | 200 00 | ..... | ..... |
| ouche | July 23, '83 | M. Landry | " 13, '01 | 100 00 | ..... | ..... |
| icto | May 30, '73 | James Alexander Jardine | " 11, '74 | 200 00 | ..... | ..... |
| ad | " 30, '73 | Vacant | ..... | ..... | ..... | ..... |
| le | " 30, '73 | E. Chase | May 11, '04 | 200 00 | ..... | ..... |
| drew's | " 30, '73 | John Wren | " 6, '84 | 100 00 | ..... | ..... |
| rge | " 30, '73 | Geo. W. McKenzie | " 10, '00 | 100 00 | ..... | ..... |
| tin and Quaco | " 14, '74 | G. R. McDonough | July 16, '02 | 100 00 | ..... | ..... |
| | " 30, '75 | Alexander McQueen | May 19, '76 | 300 00 | ..... | ..... |
| an | " 30, '73 | James Degrâce | April 14, '03 | 100 00 | ..... | ..... |
| e | July 15, '75 | Théodore Savoy | Sept. 23, '99 | 100 00 | ..... | ..... |
| de | Sept. 3, '89 | W. C. Anderson | May 24, '01 | 100 00 | ..... | ..... |
| les | July 30, '01 | B. Simpson | Sept. 27, '01 | 200 00 | ..... | ..... |

PROVINCE OF NOVA SCOTIA.

| | | | | | | |
|---|---|---|---|---|---|---|
| Harbour | May 23, '01 | F. U. D'Entremont | May 23, '01 | 200 00 | ..... | ..... |
| te | " 18, '80 | Wm. Mills | Mar. 17, '99 | 100 00 | ..... | ..... |

TABLE showing the names of Ports proclaimed under the Dominion Acts, &c.—*Con.*

PROVINCE OF NOVA SCOTIA—*Continued.*

| Name of Port. | Date of Proclamation. | Name of Harbour Master. | Date of Appointment. | Amount from the fees of office salary not to exceed. | Amount collected in 1904. | Amount paid over to Receiver General. |
|---|---|---|---|---|---|---|
| | | | | $ cts. | $ cts. | $ cts. |
| Annapolis | Mar. 12, '75 | John Lindgreen | July 7, '98 | 200 00 | | |
| Apple River | Aug. 5, '86 | Robt. D. Field | Sept. 9, '90 | 200 00 | | |
| Arichat | April 22, '79 | B. Gerrior | May 23, '01 | 200 00 | | |
| Baddeck | Sept. 23, '75 | Augus B. Morrison | Aug. 3, '03 | 100 00 | | |
| Barrington | April 1, '81 | B. Kenney | July 6, '93 | 200 00 | | |
| Bayfield | July 11, '79 | John McDonald | " 11, '79 | 200 00 | | |
| Bay St. Lawrence | April 21, '87 | G. Zwicker | April 21, '87 | 200 00 | | |
| Bear River | Sept. 25, '74 | Wm. McFadden | Sept. 27, '97 | 100 00 | | |
| Beaver Harbour | July 5, '80 | Henry Hawbolt | " 22, '88 | 100 00 | | |
| Big Harbour | May 28, '83 | Donald McKenzie | May 28, '83 | 100 00 | | |
| Bridgewater | " 6, 74 | William Oakes | Jan. 28, '96 | 100 00 | | |
| Big Bras d'Or | June 9, '03 | James McLean | Aug. 13, '03 | 200 00 | | |
| Cape Canso | " 6, '76 | William A. H. Oliver | Mar. 2, '99 | 100 00 | | |
| Cape Negro or North East Harbour | May 18, '81 | A. D. Perry | May 18, '81 | 200 00 | | |
| Chester | Aug. 18, '83 | A. C. Corkum | July 8, '96 | 100 00 | | |
| Cheticamp | April 20, '76 | Fulgence Aucoin | April 15, '76 | 100 00 | | |
| Clark's Harbour | June 1, '81 | John G. Nickerson | Mar. 23, '04 | 200 00 | | |
| Clementsport | May 1, '77 | J. M. LeCain | Oct. 18, '98 | 150 00 | | |
| County Line to Grand Narrows | May 28, '83 | Vacant | | 100 00 | | |
| Crow Harbour | Sept. 30, '88 | A. F. Ehler | Aug. 26, '97 | 100 00 | | |
| D Escousse | Jan. 23, '85 | Michael Martell | April 22, '02 | 100 00 | | |
| Digby | Feb. 19, '78 | Howard Anderson | June 19, '02 | 200 00 | | |
| East Bay | Aug. 18, '83 | Donald McInnis | April 5, '86 | 100 00 | | |
| Fourchu | May 22, '89 | Neil MacLean | May 22, '89 | 100 00 | | |
| Gabarus | Mar. 3, 79 | John W. Hardy | Nov. 2, '86 | 100 00 | | |
| Glasgow and Cape Breton Pier, Sydney | Oct. 30, '80 | Angus McQuarrie | Oct. 30, '80 | 300 00 | | |
| Guysboro | Jan. 15, '89 | Archibald M. Peart | Feb. 11, '02 | 100 00 | | |
| Halifax | No proclamation required by Act | J. E. Butler | Sept. 21, '93 | 1,800 00 | | |
| Hantsport | June 27, '84 | Wm. McCulloch | Jan. 17, '92 | 300 00 | | |
| Ingonish, North Bay | Mar. 22, '81 | John Jackson | April 25, '02 | 200 00 | | |
| " South Bay | Oct. 9, '84 | James Doucette | " 30, '01 | 100 00 | | |
| Ingram River | Feb. 18, '02 | Rand. Gibbons | Feb. 18, '02 | 100 00 | | |
| International Pier, Sydney | Oct. 30, '80 | Michael J. Neville | Oct. 30, '80 | 300 00 | | |
| Isaac's Harbour | " 30, '89 | Thomas D. Cook | June 19, '00 | 100 00 | | |
| Jeddore | Sept. 20, '90 | Enos Baker | Dec. 3, '03 | 100 00 | | |
| Jordan Bay | Oct. 25, '76 | Freeman P. Thorburn | Mar. 11, '01 | 150 00 | | |
| Kelly Cove | Feb. 17, '99 | Jos. B. Huskins | Feb. 17, '99 | 100 00 | | |
| La Have or Getson's Cove | Mar. 12, '75 | George Henry Zwicker | " 25, '75 | 300 00 | | |
| L'Ardoise, Upper and Lower | Aug. 29, '84 | George Burke | Aug. 29, '84 | 100 00 | | |
| Lingan | July 12, '81 | Vacant | | 200 00 | | |
| Liscomb | May 18, '81 | Louis Wilson | Feb. 20, '00 | 200 00 | | |
| Little Bras d'Or Lake between McKay's Point and Grand Narrows | April 25, '84 | Daniel C. Campbell | April 17, '99 | 100 00 | | |
| Little Bras d'Or Lake from McKay's Point to Washadebuck River | April 25, '84 | Alex. J. McNeill | April 25, '84 | 100 00 | | |
| Little Glace Bay | Aug. 3, '74 | E. Douglas Rigby | May 8, '84 | 200 00 | | |
| Little Narrows to Cranberry Point | May 28, '83 | K. McLennan | Nov. 1, '97 | 100 00 | | |
| Liverpool | Jan. 19, '77 | Isaac V. Dexter | Oct. 7, '99 | 200 00 | | |
| Lockeport | May 18, '81 | E. A. Capstick | May 18, '81 | 200 00 | | |
| Louisburg | Mar. 17, '79 | H. C. V. Lavatte | Oct. 13, '98 | 200 00 | | |
| Lunenburg | Dec. 3, '75 | John Loye | Dec. 10, '96 | 150 00 | | |
| Mabou | June 23, '80 | John McInnis | July 11, '00 | 100 00 | | |

: showing the names of Ports proclaimed under the Dominion Act, &c.—*Con.*

PROVINCE OF NOVA SCOTIA—*Concluded.*

| ame of Port. | Date of Proclamation. | Name of Harbour Master. | Date of Appointment. | Amount from the fees of office salary not to exceed. | Amount collected in 1904. | Amount paid over to Receiver General. |
|---|---|---|---|---|---|---|
| | | | | $ cts. | $ cts. | $ cts. |
| e Bay | May 16, '87 | J. A. Mader | Jan. 21, '01 | 200 00 | | |
| r's Cove | Mar. 12, '75 | Ronald McEachen | Mar. 8, '75 | 150 00 | | |
| Dieu | July 21, '86 | Vacant | | | | |
| Mountain | " 26, '92 | D. McDonald | July 26, '92 | 200 00 | | |
| etsville | Mar. 26, '78 | Robert Early | Mar. 26, '78 | 100 00 | | |
| et's Bay | July 16, '75 | Henry C. Garrison | Dec. 14, '01 | 100 00 | | |
| ree | June 5, '86 | | | 100 00 | | |
| Joseph | Jan. 23, '95 | John Davis | Jan. 23, '95 | 100 00 | | |
| mish | Mar. 28, '98 | D. McGregor | Mar. 22, '93 | 100 00 | | |
| an Harbour | June 8, '97 | | | 100 00 | | |
| an River | " 8, '97 | L. A. Comeau | June 1, '97 | 100 00 | | |
| odoboit | May 19, '82 | David Williams | May 19, '82 | 100 00 | | |
| Haven | June 9, '83 | H. A. McLeod | Aug. 17, '89 | 100 00 | | |
| Harbour | April 11, '76 | A. Hayman | May 28, '83 | 100 00 | | |
| ort | June 27, '82 | James Davis | Dec. 21, '03 | 100 00 | | |
| west Cove, Cole-s Cove and Aspo-n Harbour | Dec. 29, '76 | P. Boutilier | June 30, '92 | 200 00 | | |
| oro' | Oct. 22, '73 | R. T. Smith | April 30, '01 | 300 00 | | |
| e Grat | June 5, '95 | S. Boudrot | June 5, '95 | 200 00 | | |
| Rivière | " 23, '83 | John Nelson Parks | April 27, '88 | 100 00 | | |
| Harbour | May 6, '74 | Vacant | | | | |
| eorge | " 1, '77 | Charles B. Weaver | May 1, '77 | 150 00 | | |
| reville | Mar. 5, '80 | Wm. Cochrane | Oct. 26, '98 | 200 00 | | |
| Iawkesbury | July 9, '75 | D. W. Henesey | July 9, '75 | 200 00 | | |
| ood | " 9, '75 | John H. Murphy | " 9, '75 | 200 00 | | |
| Tour | April 14, '81 | Wm. Sholds | Feb. 15, '98 | 200 00 | | |
| orne | Mar. 13, '86 | Freeman Beardsley | June 9, '97 | 200 00 | | |
| Iaitland | May 26, '85 | Josiah Ellis | Dec. 10, '96 | 200 00 | | |
| lorien | Nov. 15, '79 | Hector McDonald | Mar. 3, '79 | 400 00 | | |
| Iulgrave | Mar. 8, '76 | Donald Kennedy | Sept. 9, '03 | 200 00 | | |
| Iedway | June 25, '79 | Jos. Hopkins | Feb. 13, '03 | 200 00 | | |
| o | Sept. 27, '82 | D. Q. Amireau | Sept. 27, '82 | 100 00 | | |
| sh | Oct. 22, '73 | C. T. DeWolf | April 26, '95 | 100 00 | | |
| ort | Sept. 29, '84 | T. J. C. Creaser | Jan. 8, '01 | 100 00 | | |
| Bourgeoise | April 19, '86 | E. C. Bouchie | April 19, '86 | 100 00 | | |
| John | Mar. 26, '78 | H. Campbell | June 1, '91 | 100 00 | | |
| n's | Dec. 29, '00 | George E. Fader | Dec. 29, '00 | 200 00 | | |
| ry's River | May 18, '81 | D. O. Burns | April 14, '03 | 200 00 | | |
| ter's | Jan. 24, '81 | Peter McNeil | " 3, '82 | 200 00 | | |
| o | Dec. 22, '79 | Ben. Smith | May 27, '90 | 200 00 | | |
| Harbour | May 14, '74 | H. Hall | April 11, '98 | 200 00 | | |
| rne | Aug. 27, '77 | John C. Morrison | May 4, '97 | 200 00 | | |
| Iarbour | June 2, '84 | Conrad Marks | June 2, '84 | 100 00 | | |
| r's Island | May 22, '99 | Vacant | | 100 00 | | |
| r | Nov. 14, '01 | Chas. A. Hilchey | Nov. 14, '01 | 200 00 | | |
| agouche | Feb. 27, '78 | Wm. Rielly | June 1, '00 | 200 00 | | |
| h | Aug. 10, '80 | | | 100 00 | | |
| on | April 3, '00 | Joel Blackford | April 3, '00 | 100 00 | | |
| r | Aug. 25, '03 | I. Fougère | Aug. 25, '03 | 200 00 | | |
| | Mar. 18, '75 | Cyrille Doucette | Nov. 21, '02 | 100 00 | | |
| Wedge | Dec. 19, '99 | James LeBlanc | Mar. 16, '01 | 100 00 | | |
| ia Pier, South Bar, ey | July 25, '84 | Ernest Richardson | Nov. 1, '97 | 200 00 | | |
| | Oct. 22, '73 | James D. Patton | Feb. 14, '93 | 100 00 | | |
| Arichat | Aug. 20, '90 | A. B. Poirier | Oct. 7, '96 | 100 00 | | |
| Bay | May 8, '84 | John McInnis | May 8, '84 | 100 00 | | |
| Port | Mar. 8, '87 | Geo. Welsh | Jan. 29, '98 | 200 00 | | |
| outh | May 21, '94 | R. Payson | May 29, '97 | 200 00 | | |
| Haven | Aug. 25, '03 | And. Haley | Aug. 25, '03 | 200 00 | | |
| ocomagh | Oct. 29, '75 | Neil McKinnon | Oct. 8, '75 | 100 00 | | |
| ille | Aug. 16, '01 | J. L. Franklin | Aug. 16, '01 | 100 00 | | |
| s Harbour | Feb. 19, '92 | S. K. Woods | Feb. 19, '92 | 200 00 | | |
| outh | Mar. 18, '75 | Ebenezer Scott | Oct. 19, '77 | 250 00 | | |

TABLE showing the names of the Ports proclaimed under the Dominion Acts, &c.—*Con.*

PROVINCE OF PRINCE EDWARD ISLAND.

| Name of Port. | Date of Proclamation. | Name of Harbour Master. | Date of Appointment. | Amount from the fees of office salary not to exceed. | Amount collected in 1904. | Amount paid over to Receiver General. |
|---|---|---|---|---|---|---|
| | | | | $ cts. | $ cts. | $ cts. |
| Alberton | July 15, '74 | John Kinch | July 30, '01 | 200 00 | | |
| Bay Fortune | April 10, '75 | John R. Coffin | April 29, '78 | 200 00 | | |
| Brudenell | July 25, '85 | Vacant | | 200 00 | | |
| Cape Traverse | May 23, '84 | " | | 100 00 | | |
| Cardigan River, including Cardigan Bridge | Aug. 9, '78 | Hercules McDonald | Aug. 9, '78 | 200 00 | | |
| Cardigan River, from head of river to north bank Mitchell River | July 2, '78 | Joseph Livingstone | Nov. 14, '01 | 100 00 | | |
| Cove Head | " 15, '80 | Malcolm Kielly | April 23, '04 | 100 00 | | |
| Charlottetown and Hillsboro' River | June 17, '74 | David Small | Feb. 19, '77 | 400 00 | | |
| Crapaud | " 17, '74 | Wesley Myers | June 17, '74 | 200 00 | | |
| Egmont Bay | " 15, '74 | George Bollum | Nov. 3, '85 | 200 00 | | |
| Georgetown | " 17, '74 | J. Westaway | May 16, '04 | 200 00 | | |
| Grand River | April 10, '75 | Wm. Chas. Jenkins | " 4, '97 | 200 00 | | |
| Grand River, down to and including Poplar Point and Chapel Wharf | May 16, '79 | Vacant | | 200 00 | | |
| Malpeque | July 10, '74 | J. Champion | Dec. 10, '96 | 200 00 | | |
| Miminegash | April 17, '80 | J. McCormack | Sept. 28, '04 | 100 00 | | |
| Montague Bridge | July 15, '74 | H. McPherson | May 5, '04 | 200 00 | | |
| Murray Harbour | " 7, '74 | Wm. Miller | June 17, '74 | 200 00 | | |
| Murray River | May 16, '79 | Geo. McLeod | Feb. 9, '97 | 200 00 | | |
| New London | July 15, '74 | Wm. Bell | Aug. 25, '96 | 200 00 | | |
| Pinette | " 15, '74 | John D. McDonald | Oct. 22, '03 | 100 00 | | |
| Port Hill | " 15, '74 | W. C. Brown | June 20, '98 | 200 00 | | |
| Pownal | July 10, '79 | Michael Haley | Mar. 30, '97 | 100 00 | | |
| Rollo Bay | April 10, '75 | Vacant | | 200 00 | | |
| Rustico | May 17, '75 | Felix Buote | Mar. 1, '97 | 200 00 | | |
| St. Peter's Bay | April 10, '75 | George Barry | May 3, '01 | 200 00 | | |
| Souris East and West | " 10, '75 | Wm. McDonald | Sept. 21, '99 | 200 00 | | |
| Summerside | July 15, '74 | Wm. Stymest | Oct. 20, '97 | 200 00 | | |
| Tignish | April 22, '90 | Vacant | | 100 00 | | |
| Tracadie | May 17, '75 | Donald Campbell | Aug. 27, '95 | 200 00 | | |
| Tryon | April 12, '77 | Vacant | | 200 00 | | |
| Vernon River Bridge | July 15, '74 | John Finlay | Oct. 9, '84 | 200 00 | | |
| West River | May 5, '75 | Vacant | | 200 00 | | |
| Wood Islands | " 22, '99 | James Young | May 22, '99 | 100 00 | | |

PROVINCE OF BRITISH COLUMBIA.

| | | | | | | |
|---|---|---|---|---|---|---|
| Chemainus | March 2, '97 | Wm. Fraser | Oct. 1, '04 | 200 00 | | |
| Comox | May 5, '96 | Geo. H. Rowe | April 25, '96 | 200 00 | | |
| Nanaimo and Departure Bay | April 10, '75 | Harry Cooper | Feb. 25, '97 | 500 00 | | |
| New Westminster | Jan. 23, '80 | Joseph Reichenbach | May 15, '01 | 400 00 | | |
| Quadra | April 17, '77 | Vacant | | 300 00 | | |
| Vancouver, including Burrard Inlet | Feb. 22, '88 | Malcolm Mcleod | Jan. 14, '97 | 600 00 | | |
| Victoria and Esquimalt | Mar. 20, '75 | C. E. Clarke | Nov. 3, '94 | 600 00 | | |

F. GOURDEAU,

*Deputy Minister Marine and Fisheries.*

# APPENDIX No. 44

LIST of Certificates of Service granted to Masters and Mates of INLAND and COASTING VESSELS during the year ended June 30, 1904.

| Certificate. | Date of Certificate | Name. | Grade. | Address. | Where Examination was passed. | Fee. |
|---|---|---|---|---|---|---|
| | 1903. | | | | | $ cts. |
| 36 | Aug. 10 | Rufus Downey | Mate | Joggins, N.S. | Parrsboro, N.S. | 4 00 |
| 37 | " 10 | Adam J. Firth | Master | Shelburne, N.S. | Halifax, N.S. | 8 00 |
| 38 | " 20 | Wm. Carson | " | St. Andrews, N.B. | Yarmouth, N.S. | 8 00 |
| | 1904. | | | | | |
| 39 | April 7 | Thos. A. Crosby | " | Yarmouth, N.S. | " | 8 00 |
| 40 | June 27 | Pierre Begin | " | Quebec. | Quebec. | 8 00 |
| 41 | " 27 | Louis Deroy | Mate | St. John, Isle de Orleans, Que. | " | 4 00 |

LIST of Certificates of Competency granted to Masters and Mates of FOREIGN SEA-GOING Vessels during the year ended June 30, 1904.

| | | | | | | |
|---|---|---|---|---|---|---|
| | 1903. | | | | | |
| 13 | July 2 | Albert A. Lindgren | Master | Vancouver, B.C | Victoria, B.C. | 15 00 |
| 14 | " 2 | Douglas C. Lilly | Mate | Victoria, B.C. | " | 8 00 |
| 15 | " 2 | Charles Harry Webb | Master | Nanaimo, B.C. | " | 15 00 |
| 16 | " 10 | Mark Burke | " | Carbonear, Nfld. | Halifax, N.S. | 15 00 |
| 17 | Aug. 10 | W. D. Comloguoy | 2nd Mate | Orkney Isles, Scotland | Victoria, B.C. | 8 00 |
| 18 | " 10 | David J. McGowan | " | Glasgow, Scotland | " | 8 00 |
| 19 | " 10 | Wm. Anderson | " | Vancouver, B.C | " | 8 00 |
| 20 | Sept. 26 | Thomas Roy Coffin | Master | Halifax, N.S. | Halifax, N.S. | 15 00 |
| 21 | " 29 | Wm. Henry Gray | Mate | Cornforth, Eng. | Victoria, B.C. | 8 00 |
| 22 | Oct. 12 | Geo. Pakenham Walter | " | Yarmouth, N.S. | Yarmouth, N.S | 8 00 |
| 23 | " 12 | Herbert Leroy Harrisson | 2nd Mate | Maugerville, N.S. | St. John, N.B. | 8 00 |
| 24 | " 13 | Dick F. P. Bruce | Master | H.M.C.S. Isles, Esquimalt | Victoria, B.C. | 15 00 |
| 25 | " 13 | Walter Cyril Weston | 2nd Mate | Longton, Eng. | " | 8 00 |
| 26 | " 13 | John Fiddes | " | Aberdeen, Scotland | " | 8 00 |
| 27 | " 13 | John Michael Clave | Mate | Dublin, Ireland | " | 8 00 |
| 28 | Nov. 4 | Chas Morris Gladwin | " | Middle Musquodoboet | Halifax, N.S. | 8 00 |
| 29 | " 4 | Wm. Fraser | 2nd Mate | New Glasgow, N.S. | " | 8 00 |
| 30 | " 4 | George Enos Madet | Mate | Mahone Bay, N.S | " | 8 00 |
| 31 | " 13 | William Calder | 2nd Mate | Vancouver, B.C. | Victoria, B.C. | 8 00 |
| 32 | " 14 | Walter C. Bourke | " | Surrey, England | " | 8 00 |
| 33 | " 23 | Wilbert L. Loomet | Mate | Advocate Harbour, N.S. | St. John, N.B. | 8 00 |
| 34 | Dec. 9 | James P. Baird | " | Glasgow, Scotland | Victoria, B.C. | 8 00 |
| 35 | " 9 | John Cockle | 2nd Mate | Vancouver, B.C | " | 8 00 |
| 36 | " 19 | Edmund McCarty | Master | Halifax, N.S. | Halifax, N.S. | 15 00 |
| 37 | " 19 | Edward G. Smith | 2nd Mate | " | " | 8 00 |
| 38 | " 19 | Arthur R. C. Reavley | Master | Wales | St. John, N.B. | 15 00 |
| 39 | " 31 | Edwin Chas. Hocking | Mate | Falmouth, Eng. | Victoria, B.C. | 8 00 |
| 40 | Jan. 20 | George Craig Guthrie | 2nd Mate | Leith, Scotland. | " | 8 00 |
| 41 | " 20 | Jas. Creighton Laidlaw | " | Glasgow, Scotland | " | 8 00 |
| 42 | " 27 | Peter Laureat Lachance | " | Quebec | St. John, N.B. | 8 00 |
| 43 | Feb. 15 | John Halliday | Mate | Victoria | Victoria, B.C. | 8 00 |
| 44 | " 15 | Lawrence Smith | Master | Yarmouth, N.S | Yarmouth. | 8 00 |
| 45 | " 22 | William E. Gardner | " | Victoria. | Victoria | 15 00 |
| 46 | March 3 | Fred. Smith Blackadar | Mate | Sandy Cove, N.S. | Yarmouth, N.S. | 8 00 |
| 47 | " 3 | Philip Victor Harris | " | England | Victoria, B.C. | 8 00 |
| 48 | " 14 | Robert Mitchell | 2nd Mate | Vancouver, B.C. | " | 8 00 |
| 49 | April 2 | John Carmichael | " | " | " | 8 00 |
| 50 | " 2 | Abraham Wales Young | " | Braidmead, Scotland | " | 8 00 |

TABLE showing the names of the Ports proclaimed under the Dominion Acts, &c.—*Con.*

PROVINCE OF PRINCE EDWARD ISLAND.

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|---|---|---|---|---|---|---|
| | | | | $ cts. | $ cts. | $ cts. |
| Alberton | July 15, '74 | John Kinch | July 30, '01 | 200 00 | | |
| Bay Fortune | April 10, '75 | John R. Coffin | April 29, '78 | 200 00 | | |
| Brudenell | July 25, '85 | Vacant | | 200 00 | | |
| Cape Traverse | May 23, '84 | " | | 100 00 | | |
| Cardigan River, including Cardigan Bridge | Aug. 9, '78 | Hercules McDonald | Aug. 9, '78 | 200 00 | | |
| Cardigan River, from head of river to north bank Mitchell River | July 2, '78 | Joseph Livingstone | Nov. 14, '01 | 100 00 | | |
| Cove Head | " 15, '80 | Malcolm Kielly | April 23, '04 | 100 00 | | |
| Charlottetown and Hillsboro' River | June 17, '74 | David Small | Feb. 19, '77 | 400 00 | | |
| Crapaud | " 17, '74 | Wesley Myers | June 17, '74 | 200 00 | | |
| Egmont Bay | " 15, '74 | George Bollum | Nov. 3, '85 | 200 00 | | |
| Georgetown | " 17, '74 | J. Westaway | May 16, '04 | 200 00 | | |
| Grand River | April 10, '75 | Wm. Chas. Jenkins | " 4, '97 | 200 00 | | |
| Grand River, down to and including Poplar Point and Chapel Wharf | May 16, '79 | Vacant | | 200 00 | | |
| Malpeque | July 10, '74 | J. Champion | Dec. 10, '96 | 200 00 | | |
| Miminegash | April 17, '80 | J. McCormack | Sept. 28, '04 | 100 00 | | |
| Montague Bridge | July 15, '74 | H. McPherson | May 5, '04 | 200 00 | | |
| Murray Harbour | " 7, '74 | Wm. Miller | June 17, '74 | 200 00 | | |
| Murray River | May 16, '79 | Geo. McLeod | Feb. 9, '97 | 200 00 | | |
| New London | July 15, '74 | Wm. Bell | Aug. 25, '96 | 200 00 | | |
| Pinette | " 15, '74 | John D. McDonald | Oct. 22, '03 | 100 00 | | |
| Port Hill | " 15, '74 | W. C. Brown | June 20, '98 | 200 00 | | |
| Pownal | July 10, '79 | Michael Haley | Mar. 30, '97 | 100 00 | | |
| Rollo Bay | April 10, '75 | Vacant | | 200 00 | | |
| Rustico | May 17, '75 | Felix Buote | Mar. 1, '97 | 200 00 | | |
| St. Peter's Bay | April 10, '75 | George Barry | May 3, '01 | 200 00 | | |
| Souris East and West | " 10, '75 | Wm. McDonald | Sept. 21, '99 | 200 00 | | |
| Summerside | July 15, '74 | Wm. Stymest | Oct. 20, '97 | 200 00 | | |
| Tignish | April 22, '90 | Vacant | | 100 00 | | |
| Tracadie | May 17, '75 | Donald Campbell | Aug. 27, '95 | 200 00 | | |
| Tryon | April 12, '77 | Vacant | | 200 00 | | |
| Vernon River Bridge | July 15, '74 | John Finlay | Oct. 9, '84 | 200 00 | | |
| West River | May 5, '75 | Vacant | | 200 00 | | |
| Wood Islands | " 22, '99 | James Young | May 22, '99 | 100 00 | | |

PROVINCE OF BRITISH COLUMBIA.

| | | | | | | |
|---|---|---|---|---|---|---|
| Chemainus | March 2, '97 | Wm. Fraser | Oct. 1, '04 | 200 00 | | |
| Comox | May 3, '96 | Geo. H. Rowe | April 25, '96 | 200 00 | | |
| Nanaimo and Departure Bay | April 10, '75 | Harry Cooper | Feb. 25, '97 | 500 00 | | |
| New Westminster | Jan. 23, '80 | Joseph Reichenbach | May 15, '01 | 400 00 | | |
| Quadra | April 17, '77 | Vacant | | 300 00 | | |
| Vancouver, including Burrard Inlet | Feb. 22, '88 | Malcolm Mcleod | Jan. 14, '97 | 600 00 | | |
| Victoria and Esquimalt | Mar. 20, '75 | C. E. Clarke | Nov. 3, '94 | 600 00 | | |

F. GOURDEAU,

*Deputy Minister Marine and Fisheries.*

# APPENDIX No. 44

LIST of Certificates of Service granted to Masters and Mates of INLAND and COASTING VESSELS during the year ended June 30, 1904.

| Certificate. | Date of Certificate | Name. | Grade. | Address. | Where Examination was passed. | Fee. |
|---|---|---|---|---|---|---|
| | 1903. | | | | | $ cts. |
| 6 | Aug. 10 | Rufus Downey | Mate | Joggins, N.S. | Parrsboro, N.S. | 4 00 |
| 7 | " 10 | Adam J. Firth | Master | Shelburne, N.S. | Halifax, N.S. | 8 00 |
| 8 | " 20 | Wm. Carson | " | St. Andrews, N.B. | Yarmouth, N.S. | 8 00 |
| | 1904. | | | | | |
| 9 | April 7 | Thos. A. Crosby | " | Yarmouth, N.S. | " | 8 00 |
| 0 | June 27 | Pierre Begin | " | Quebec. | Quebec. | 8 00 |
| 1 | " 27 | Louis Deroy | Mate | St. John, Isle de Orleans, Que. | " | 4 00 |

LIST of Certificates of Competency granted to Masters and Mates of FOREIGN SEA-GOING Vessels during the year ended June 30, 1904.

| | | | | | | |
|---|---|---|---|---|---|---|
| | 1903. | | | | | |
| 3 | July 2 | Albert A. Lindgren | Master | Vancouver, B.C. | Victoria, B.C. | 15 00 |
| 4 | " 2 | Douglas C. Lilly | Mate | Victoria, B.C. | " | 8 00 |
| 5 | " 2 | Charles Harry Webb | Master | Nanaimo, B.C. | " | 15 00 |
| 6 | " 10 | Mark Burke | " | Carbonear, Nfld. | Halifax, N.S. | 15 00 |
| 7 | Aug. 10 | W. D. Comloguoy | 2nd Mate | Orkney Isles, Scotland | Victoria, B.C. | 8 00 |
| 8 | " 10 | David J. McGowan | " | Glasgow, Scotland | " | 8 00 |
| 9 | " 10 | Wm. Anderson | " | Vancouver, B.C. | " | 8 00 |
| 0 | Sept. 26 | Thomas Roy Coffin | Master | Halifax, N.S. | Halifax, N.S. | 15 00 |
| 1 | " 29 | Wm. Henry Gray | Mate | Cornforth, Eng. | Victoria, B.C. | 8 00 |
| 2 | Oct. 12 | Geo. Pakenham Walter | " | Yarmouth, N.S. | Yarmouth, N.S. | 8 00 |
| 3 | " 12 | Herbert Leroy Harrisson | 2nd Mate | Mangerville, N.S. | St. John, N.B. | 8 00 |
| 4 | " 13 | Dick F. P. Bruce | Master | H.M.C.S. Isles, Esquimalt | Victoria, B.C. | 15 00 |
| 5 | " 13 | Walter Cyril Weston | 2nd Mate | Longton, Eng. | " | 8 00 |
| 6 | " 13 | John Fiddes | " | Aberdeen, Scotland | " | 8 00 |
| 7 | " 13 | John Michael Clave | Mate | Dublin, Ireland | " | 8 00 |
| 8 | Nov. 4 | Chas Morris Gladwin | " | Middle Musquodoboet | Halifax, N.S. | 8 00 |
| 9 | " 4 | Wm. Fraser | 2nd Mate | New Glasgow, N.S. | " | 8 00 |
| 0 | " 4 | George Enos Madet | Mate | Mahone Bay, N.S. | " | 8 00 |
| 1 | " 13 | William Calder | 2nd Mate | Vancouver, B.C. | Victoria, B.C. | 8 00 |
| 2 | " 14 | Walter C. Bourke | " | Surrey, England | " | 8 00 |
| 3 | " 23 | Wilbert L. Loomet | Mate | Advocate Harbour, N.S. | St. John, N.B. | 8 00 |
| 4 | Dec. 9 | James P. Baird | " | Glasgow, Scotland | Victoria, B.C. | 8 00 |
| 5 | " 9 | John Cockle | 2nd Mate | Vancouver, B.C. | " | 8 00 |
| 6 | " 19 | Edmund McCarty | Master | Halifax, N.S. | Halifax, N.S. | 15 00 |
| 7 | " 19 | Edward G. Smith | 2nd Mate | " | " | 8 00 |
| 8 | " 19 | Arthur R. C. Reavley | Master | Wales | St. John, N.B. | 15 00 |
| 9 | " 31 | Edwin Chas. Hocking | Mate | Falmouth, Eng. | Victoria, B.C. | 8 00 |
| 0 | Jan. 20 | George Craig Guthrie | 2nd Mate | Leith, Scotland. | " | 8 00 |
| 1 | " 20 | Jas. Creighton Laidlaw | " | Glasgow, Scotland | " | 8 00 |
| 2 | " 27 | Peter Laureat Lachance | " | Quebec | St. John, N.B. | 8 00 |
| 3 | Feb. 15 | John Halliday | Mate | Victoria | Victoria, B.C. | 8 00 |
| 4 | " 15 | Lawrence Smith | Master | Yarmouth, N.S. | Yarmouth | 8 00 |
| 5 | " 22 | William E. Gardner | " | Victoria | Victoria | 15 00 |
| 6 | March 3 | Fred. Smith Blackadar | Mate | Sandy Cove, N.S. | Yarmouth, N.S. | 8 00 |
| 7 | " 3 | Philip Victor Harris | " | England | Victoria, B.C. | 8 00 |
| 8 | " 14 | Robert Mitchell | 2nd Mate | Vancouver, B.C. | " | 8 00 |
| 9 | April 2 | John Carmichael | " | " | " | 8 00 |
| 0 | " 2 | Abraham Wales Young | " | Braidmead, Scotland | " | 8 00 |

**List of Certificates of Competency granted to Masters and Mates of Inland and Coasting Vessels, &c.—*Continued.***

| Number of Certificate | Date of Certificate | Name. | Grade. | Address. | Where Examination was passed. | Fee. |
|---|---|---|---|---|---|---|
| | 1903. | | | | | $ cts. |
| 4266 | Dec. 29 | Gustav Magnusson | Matter | Sarnia, Ont | St. Catharines, O | 15 00 |
| 4267 | " 29 | John Millen | Mate | Almic Harbour, Ont | " | 15 00 |
| 4268 | " 29 | Wm. H. Lake | " | Cheverie, N.S | Yarmouth, N.S | 15 00 |
| 4269 | " 29 | Charles Pike | " | St. John, N.B | St. John, N.B | 15 00 |
| 4270 | " 31 | Louis Honore Roy | " | Quebec | Quebec | 15 00 |
| 4271 | " 31 | Rathburn Wm. Lovely | " | Parrsboro, N.S | Yarmouth, N.S | 15 00 |
| 4272 | " 31 | Ritchie Roy Spicer | Mate | Spencer's Island, N.S | " | 6 00 |
| 4273 | " 31 | Patrick J. Bibby | Master | Gravenhurst, Ont | St. Catharines, O | 15 00 |
| 4274 | " 31 | Alex. D. Livingstone | " | Nottawasaga, Ont | " | 15 00 |
| 4275 | " 31 | Julius Hanson | " | St. John, N.B | St. John, N.B | 15 00 |
| 4276 | " 31 | John George Gullion | " | Edmonton, N.W.T. | Rat Portage, O | 15 00 |
| 4277 | " 31 | Ernest Wills | Mate | Halifax, N.S | Sydney, N.S | 6 00 |
| 4278 | " 31 | Dougal Patterson | Master | New Westminster, B.C | Victoria, B.C | 15 00 |
| 4279 | " 31 | Abner Keen St. Clair | " | Victoria, B.C | " | 15 00 |
| 4280 | " 31 | John J. Goodwin | " | " | " | 15 00 |
| 4281 | " 31 | Emil Ramlose | " | " | " | 15 00 |
| | 1904. | | | | | |
| 4282 | Jan. 20 | Albert James Hamilton | " | Spanish Station, Ont | Spanish River, O | 15 00 |
| 4283 | " 20 | William Nelson Sangster | Mate | Huntsville, Ont | St. Catharines, O | 6 00 |
| 4284 | " 20 | John Schreiber | " | Bridgeport, Ont | " | 6 00 |
| 4285 | " 26 | Martin Murphy | Master | Dartmouth, N.S | Halifax, N.S | 15 00 |
| 4286 | " 27 | George W. Spinning | " | Vancouver, B.C | Vancouver, B.C. | 15 00 |
| 4287 | " 27 | " " | Mate | " | " | 6 00 |
| 4288 | " 27 | Albert Lawrence Carney | Master | Sault St. Marie, Ont | St. Catharines, O | 15 00 |
| 4289 | " 27 | John Dick | " | Fergus, Ont | " | 15 00 |
| 4290 | Feb. 1 | Peter Laureat Lachance | Mate | Quebec | Quebec | 6 00 |
| 4291 | " 3 | Benjamin St. Denis | Master | St. Anns de Bellevue, Que. | Ottawa, Ont | 15 00 |
| 4292 | " 6 | Joseph Houle | Mate | Cascade Point, Que | Kingston, Ont | 6 00 |
| 4293 | " 6 | Charles Stannard | " | Vancouver, B.C | Vancouver, B.C. | 6 00 |
| 4294 | " 6 | Thomas Andrew Hughes | " | New Westminster, B.C | " | 6 00 |
| 4295 | " 6 | " " | Master | " | " | 15 00 |
| 4296 | " 6 | David W. Burke | Mate | Penetanguishene, Ont | St. Catharines, O | 6 00 |
| 4297 | " 6 | Henry W. King | Master | Toronto, Ont | " | 15 00 |
| 4298 | " 6 | Philidime Menard | " | Levis, Que | Quebec | 15 00 |
| 4299 | " 6 | Edward Wilkon | " | Quebec, Que | " | 15 00 |
| 4300 | " 11 | Hanford Whelpley | " | St. John, N.B | St. John, N.B | 15 00 |
| 4301 | " 16 | John Haun | " | Victoria, B.C | Victoria, B.C | 15 00 |
| 4302 | " 16 | John R. Somerby | " | Oak Bay Mills, Que. | Campbellton, N.B | 15 00 |
| 4303 | " 16 | John Thompson | " | New Westminster, B.C | Vancouver, B.C. | 15 00 |
| 4304 | " 16 | Joseph Bergeron | " | Leclercville, Que | Quebec | 15 00 |
| 4305 | " 16 | Lemuel Salwan | " | St. John, N.B | St. John, N.B | 15 00 |
| 4306 | " 22 | Alvan Lowell McLean | " | | " | 15 00 |
| 4307 | " 22 | Benjamin Shaw Gale | " | | " | 15 00 |
| 4308 | " 22 | Joshua Inglis | Mate | Victoria, B.C | Victoria, B.C | 6 00 |
| 4309 | " 22 | Arthur Gray | | Levis, Que | Quebec | 6 00 |
| 4310 | " 24 | Olaf Swanson | Master | Sheet Harbour, N.S | Halifax, N.S | 15 00 |
| 4311 | " 26 | William Savage | | Wellington, Ont | St. Catharines, O | 15 00 |
| 4312 | " 26 | Wm. Thomas Rooney | Mate | Port Dalhousie, Ont | " | 6 00 |
| 4313 | " 26 | Ernest Hollingshead | Master | Collingwood, Ont | " | 15 00 |
| 4314 | " 26 | George Jos. Morley | Mate | St. Catharines, Ont | " | 6 00 |
| 4315 | " 26 | William Howett | Master | Port Colborne, Ont | " | 15 00 |
| 4316 | " 26 | Herbert C. West | Mate | Blackwell, Ont | " | 6 00 |
| 4317 | " 27 | Magnus Sinclair | Master | New Westminster, B.C | Vancouver, B.C. | 15 00 |
| 4318 | " 27 | Alexander Purves | | Owen Bay, Ont | Spanish Riv., Ont. | 15 00 |
| 4319 | " 29 | Oscar Lafontaine | | Beauharnois, Que | Ottawa, Ont | 15 00 |
| 4320 | " 29 | Joseph Anderson | Mate | Owen Sound, Ont | St. Catharines, O. | 6 00 |
| 4321 | " 29 | Harry Pagnet | Master | St. Joseph de Levis, Que | Quebec | 15 00 |
| 4322 | Mar. 3 | Joseph Rivet | | Beauharnois, Que | " | 15 00 |
| 4323 | " 3 | Chas. Dickinson | | St. John, N.B | St. John, N.B | 15 00 |
| 4324 | " 3 | Wellington Bell | | Vancouver, B.C | Vancouver, B.C. | 15 00 |
| 4325 | " 3 | Norman Baker | | New Westminster, B.C | " | 15 00 |
| 4326 | " 3 | Arthur Rochet dit La montagne | Mate | Levis, Que | Quebec | 6 00 |

LIST of Certificates of Competency given to Masters and Mates of INLAND and COASTING VESSELS, &c.—*Continued.*

| Number of Certificate. | Date of Certificate | Name. | Grade. | Address. | Where Examination was passed. | Fee. |
|---|---|---|---|---|---|---|
| | 1904. | | | | | $ cts. |
| 4327 | Mar. 3.. | James L. Medley | Mate | Barriefield, Ont. | Kingston, Ont. | 6 00 |
| 4328 | " 3.. | Alexander McIntyre | Master | Collingwood, Ont. | " | 15 00 |
| 4329 | " 3.. | George Larochelle | Mate | St. Michelle, Que. | Quebec | 6 00 |
| 4330 | " 4.. | Chas. Henry Ramsay | Master | Spanish River Sta., Ont. | Spa'sh Riv., Ont. | 15 00 |
| 4331 | " 7.. | Wm. Lawrence Butler | " | Victoria, B.C. | Victoria, B.C. | 15 00 |
| 4332 | " 7.. | Thomas Miller | " | St. John, N.B | St. John, N.B. | 15 00 |
| 4333 | " 7.. | Fred. E. Martin | Mate | Oakville, Ont. | St. Catharines, O. | 6 00 |
| 4334 | " 7.. | George Smith | " | Glenora, Ont. | Kingston, Ont. | 6 00 |
| 4335 | " 7.. | Freeman Himmelan | Master | Ritcey's Cove, N.S. | Lunenburg, N.S. | 15 00 |
| 4336 | " 7.. | Frank A. Cook | Mate | Montreal, Que | St. Catharines, O. | 6 00 |
| 4337 | " 7.. | Clayton W. Collins | Master | Westport, N.S. | Yarmouth, N.S. | 15 00 |
| 4338 | " 14.. | Harry Morris Peatman | " | St. John, N.B | St. John, N.B. | 15 00 |
| 4339 | " 14.. | Edmund L. Cameron | " | " | " | 15 00 |
| 4340 | " 14.. | Fred S. Reay | " | Beauharnois, Que. | Ottawa, Ont. | 15 00 |
| 4341 | " 15. | Chas. Wm. Lait | Mate | New Westminster, B.C. | Vancouver, B.C. | 6 00 |
| 4342 | " 14. | Chas. Henry Reid | Master | Gaburus, N.S. | Sydney, N.S. | 15 00 |
| 4343 | " 16.. | Jules Lamarre | Mate | St. Valier, Que. | Quebec | 6 00 |
| 4344 | " 17.. | Harry Hugh Robinson | Master | Parrsboro, N.S. | St. John, N.B. | 15 00 |
| 4345 | " 17.. | Archibald Stewart | " | Mattawa, Ont. | Ottawa, Ont. | 15 00 |
| 4346 | " 17. | Alexander Colman | Mate | Massie P. O., Ont. | St. Catharines, O. | 6 00 |
| 4347 | " 21.. | Julius Lachance | " | Quebec, Que | Quebec. | 6 00 |
| 4348 | .. .... | Louis Labadie | Master | Berthier en bas, Que | " | 15 00 |
| 4349 | " 21.. | George Bliss Glazier | " | Sunbury Co., N.S. | Frederict'n, N.B. | 15 00 |
| 4350 | " 21.. | Joseph Noble Blenkhorn | " | Canning, N.S. | Yarmouth, N.S. | 15 00 |
| 4351 | " 28 | Samuel Kent | " | Musquodoboit, N.S. | Halifax, N.S. | 15 00 |
| 4352 | " 24.. | Jemieson B. Clark | " | Collingwood, Ont. | Kingston, Ont. | 15 00 |
| 4353 | " 24.. | Angus K. McDonald | " | Vancouver, B.C. | Vancouver, B.C. | 15 00 |
| 4354 | " 24.. | Michl. Heffernan | " | Picton, Ont. | Kingston, Ont. | 15 00 |
| 4355 | " 24.. | W. E. Akerley | Mate | Wickham, N.B. | St. John, N.B. | 6 00 |
| 4356 | " 24.. | Albert McKenny | Master | Wisawasa, Ont. | Ottawa, Ont. | 15 00 |
| 4357 | " 24.. | Minard Hicks | " | South Bay, Ont. | Kingston, Ont. | 15 00 |
| 4358 | " 24.. | George W. Graham | " | Arrowhead, B.C. | Arrowhead, B.C. | 15 00 |
| 4359 | " 24. | Malcolm Campbell | Mate | Nelson, B.C. | Nelson, B.C. | 6 00 |
| 4360 | " 24.. | Malcolm McGillivray | " | Mattawa, Ont. | St. Catharines, O. | 6 00 |
| 4361 | " 24.. | John Smith | " | Kirkville, Ont. | " | 6 00 |
| 4362 | " 24.. | Benjamin M. Bowen | Master | Trenton, Ont. | " | 15 00 |
| 4363 | " 24.. | Edgar A. G. Walton | Mate | Magnetawan, Ont. | " | 6 00 |
| 4364 | " 24.. | Francis J. Davis | Master | Owen Sound, Ont. | Kingston, Ont. | 15 00 |
| 4365 | " 24.. | Frank Beecroft | Mate | Penetanguishene, Ont. | " | 6 00 |
| 4366 | " 24.. | James Reoch | " | Nottawa, Ont. | " | 6 00 |
| 4367 | " 24.. | Cyril Sauve | Mate | Kingston, Ont | Kingston, Ont. | 6 00 |
| 4368 | " 24.. | Joseph B. Weeks | Master | Okanagan Landing, Ont. | Nelson, B.C. | 15 00 |
| 4369 | " 24.. | Arthur John Gibson | Mate | Luskville, Que. | Ottawa, Ont. | 5 00 |
| 4370 | " 24.. | Odber A. Flewelling | " | Oak Point, N.B. | St. John, N.B. | 5 00 |
| 4371 | " 24.. | John P. Douglas | " | New Westminster, B.C. | Vancouver, B.C. | 5 00 |
| 4372 | April 2... | James Matchett | Master | Keewatin, Ont | Rat Portage, Ont | 15 00 |
| 4373 | " 7... | Hamilton N. Cockburn | " | Sturgeon Falls, Ont. | Ottawa, Ont. | 15 00 |
| 4374 | " 7... | Everett D. Cann | Mate | North Sydney, N.S. | Sydney, C.B. | 6 00 |
| 4375 | " 7... | John Adams | " | Collingwood, Ont. | St. Catherines, Ont. | 6 00 |
| 4376 | " 7... | Wm. J. Santine | " | Brechin, Ont. | " | 6 00 |
| 4377 | " 7... | Fred Bruce Wallace | " | Midland, Ont | " | 6 00 |
| 4378 | " 7... | John E. Hunter | Master | Sarnia, Ont | " | 15 00 |
| 4379 | " 7... | Alexander Mills | Mate | Kingston, Ont. | Kingston, Ont. | 6 00 |
| 4380 | " 7... | Douglas M. Wasson | " | Arrowhead, B.C. | Arrowhead, B.C. | 6 00 |
| 4381 | " 7... | John W. Stacey | " | North Sydney, N.S. | Sydney, N.S. | 5 00 |
| 4382 | " 7... | Wm. Simeon Pennie | Master | Queensport, N.S. | " | 15 00 |
| 4383 | " 7... | Franklin E. Hall | " | L'Orignal, Ont | Kingston, Ont. | 15 00 |
| 4384 | " 7... | Alexander Longille | Mate | North Sydney, N.S. | Sydney, N.S. | 6 00 |
| 4385 | " 7... | Wm. S. Wooster | Master | New Westminster, B.C. | Vancouver, B.C. | 15 00 |
| 4386 | " 7... | " | Mate | " | " | 6 00 |
| 4387 | " 7... | Joseph Ryan | Master | Charlottetown, P.E.I. | Sydney, N.S. | 15 00 |
| 4388 | " 7... | Everett B. Nickerson | " | West Porte Clyde, N.S. | Yarmouth, N.S. | 15 00 |
| 4389 | " 7... | Philippe Mongeau | " | St. Anne de Sorel, Que | Sorel, Que | 15 00 |

LIST of Certificates of Competency granted to Masters and Mates of INLAND and COASTING VESSELS, &c.—*Continued.*

| Number of Certificate. | Date of Certificate | Name. | Grade. | Address. | Where Examination was passed. | Fee. |
|---|---|---|---|---|---|---|
| | 1904. | | | | | $ cts. |
| 4390. | April 7 | Hermidas Mongeau | Master | Sorel, Que | " | 15 00 |
| 4391 | " 7 | Alfred Lahays | " | Blind River District, Ont. | Spanish River, Ont | 15 00 |
| 4392 | " 7 | Thomas W. Wood | " | Orillia, Ont | St. Catharines, Ont | 15 00 |
| 4393 | " 7 | Kenneth McAskill | Mate | Slocan, B.C | Vancouver, B.C. | 6 00 |
| 4394 | " 11 | C. J. E. House | Master | Vancouver, B.C | " | 15 00 |
| 4395 | " 11 | " | Mate | " | " | 6 00 |
| 4396 | " 11 | Jean B. Coderre | " | Lanarie, Que | Quebec, Que | 6 00 |
| 4397 | " 11 | Frank I. Ritchie | Master | Three Rivers, Que | " | 15 00 |
| 4398 | " 11 | Joseph Arthur Dupil | Mate | Quebec | " | 6 00 |
| 4399 | " 11 | McGregor, Fraser | " | Pictou Landing, N.S. | Sydney, N.S. | 6 00 |
| 4400 | " 15 | Louis Racine | Master | Calumet, Que | Ottawa, Ont | 15 00 |
| 4401 | " 20 | Thos. Francis Truswell | " | Dawson City, Y.T. | Vancouver, B.C. | 15 00 |
| 4402 | " 22 | John Gulliver | Mate | Douglastown, N.B. | St. John, N.B. | 6 00 |
| 4403 | " 22 | Spurgeon Amos | Master | Lower Derby, N.B. | " | 15 00 |
| 4404 | " 22 | Chas. I. P. Phibbs | " | Vancouver, B.C | Vancouver, B.C. | 15 00 |
| 4405 | " 22 | John Genelle | " | Makusp, B.C. | Arrowhead, B.C. | 15 00 |
| 4406 | " 22 | Donald Angus McLean | " | Loggieville, N.B. | St. John, N.B. | 15 00 |
| 4407 | " 22 | William Joyce | " | Bronte, Ont | St. Catherines, Ont | 15 00 |
| 4408 | " 22 | Arthur E. Elliot | Mate | Colchester, Ont | " | 6 00 |
| 4409 | " 22 | Norman McL. Scott | " | Hamilton, Ont | " | 6 00 |
| 4410 | " 22 | William Fertile | " | Bronte, Ont | " | 6 00 |
| 4411 | " 22 | E. F. Kendall | Master | Rat Portage, Ont | Rat Portage, Ont | 15 00 |
| 4412 | " 22 | George Guenard | " | Province of Quebec | Quebec | 15 00 |
| 4413 | " 22 | Thomas Sullivan | " | Kingston, Ont | Kingston, Ont | 15 00 |
| 4414 | " 22 | George E. Muirkhead | Mate | Prince Edward Isle | Charlottetown | 6 00 |
| 4415 | " 22 | George Jean | " | Notre Dame de Lévis, Que. | Quebec, Que | 6 00 |
| 4416 | " 22 | James O'Connell | Master | Providence, R.I. | F. Smith, N.W.T | 15 00 |
| 4417 | " 22 | Harry R. Muir | Mate | Shelburne, N.S. | Yarmouth, N.S. | 6 00 |
| 4418 | " 22 | Zepherin Leroux | Master | Valleyfield, Que | Ottawa, Ont | 15 00 |
| 4419 | " 22 | Venanzio Martinolick | " | New Westminster, B.C | Vancouver, B.C. | 15 00 |
| 4420 | " 22 | Alexander Thompson | Mate | Victoria, B.C | Victoria, B.C. | 6 00 |
| 4421 | " 22 | Harold S. Okell | " | " | " | 6 00 |
| 4422 | " 22 | Archibald E. Frackear | Master | Chatham, N.B. | St. John, N.B. | 15 00 |
| 4423 | " 22 | Samuel Judson Thorne | " | St. John, N.B. | " | 15 00 |
| 4424 | " 26 | Joseph Sharon | " | Windsor, Ont | Kingston, Ont | 15 00 |
| 4425 | " 26 | Charles Gehrke | " | Lunenburg, N.S. | Sydney, N.S. | 15 00 |
| 4426 | " 26 | Israel Desforges | " | Calumet, Que | Ottawa, Ont | 15 00 |
| 4427 | " 28 | Harry Colvin | " | Port Dalhousie, Ont | St. Catharines, O. | 15 00 |
| 4428 | " 30 | Banks E. Rudderham | " | North Sydney, N.S. | Sydney, N.S. | 15 00 |
| 4429 | May 4 | David A. Sangster | " | Charlottetown, P.E.I | Charl't'n, P.E.I. | 15 00 |
| 4430 | " 4 | James A. Hughes | " | " | " | 15 00 |
| 4431 | " 4 | Herbert W. Doyle | " | " | " | 15 00 |
| 4432 | " 7 | Emile Seguin | " | Hudson, Que | Ottawa, Ont | 15 00 |
| 4433 | " 7 | William Brooks | " | Liverpool, N.S. | Yarmouth, N.S. | 15 00 |
| 4434 | " 7 | Albert Robertson | " | Rat Portage, Ont | Rat Portage, Ont | 15 00 |
| 4435 | " 7 | Napoleon Lachance | Mate | Isle of Orleans, Que | Quebec, Que | 6 00 |
| 4436 | " 7 | John Munroe | " | Pictou, N.S. | Yarmouth, N.S. | 6 00 |
| 4437 | " 10 | Arthur S. Pride | Master | Sonora, N.S. | Halifax, N.S. | 15 00 |
| 4438 | " 10 | George Morton Morrell | Mate | Yarmouth, N.S. | Yarmouth, N.S. | 6 00 |
| 4439 | " 10 | Jacob Black | Master | Barwick, Ont | Rat Portage, Ont | 15 00 |
| 4440 | " 10 | David Simpson | Mate | Vancouver, B.C. | Vancouver, B.C. | 6 00 |
| 4441 | " 10 | Walter Leeder | " | Bracebridge, Ont | St. Catharines, O. | 6 00 |
| 4442 | " 10 | Ruben H. Mercer | Master | Little Current, Ont | " | 15 00 |
| 4443 | " 10 | George Lawrence | " | Wiarton, Ont | " | 15 00 |
| 4444 | " 10 | James Wevener | " | Collingwood, Ont | " | 15 00 |
| 4445 | " 10 | William Malcolm | " | Toronto, Ont | " | 15 00 |
| 4446 | " 10 | James Adams | Mate | Nottawasaga, Ont | " | 6 00 |
| 4447 | " 14 | Malcolm McGillivray | Master | Gore Bay Town, Ont | Spanish River, O. | 15 00 |
| 4448 | " 14 | Oliver H. P. Rogers | Mate | New Westminster, B.C | Vancouver, B.C. | 6 00 |
| 4449 | " 14 | James D. Simpson | " | Birdsall, Ont | Kingston, Ont | 6 00 |

LIST of Certificates of Competency granted to Masters and Mates of INLAND and COASTING VESSELS, &c.—*Continued.*

| Number of Certificate. | Date of Certificate | Name. | Grade. | Address. | Where Examination was passed. | Fee. |
|---|---|---|---|---|---|---|
| | 1904. | | | | | $ cts. |
| 4450 | May 14.. | Martin Currier | Master | Oromocto, N.B. | Fredericton, N.B | 15 00 |
| 4451 | " 14.. | George S. Forbes | Mate | Victoria, B.C | Victoria, B.C. | 6 00 |
| 4452 | " 14.. | John Butler | " | St. Catharines, Ont. | St. Catharines, O. | 6 00 |
| 4453 | " 14.. | Stephen M. Roff | Master | Parrsboro', N.S. | St. John, N.B. | 15 00 |
| 4454 | " 14.. | John Ferguson | " | Wiarton, Ont. | St. Catharines, O. | 15 00 |
| 4455 | " 14.. | Ernest J. Cross | " | Port Arthur, Ont. | Port Arthur, Ont | 15 00 |
| 4456 | " 19.. | Ernest Trotter | Mate | Bobcaygeon, Ont. | Kingston, Ont. | 6 00 |
| 4457 | " 19.. | Samuel Wilson | " | Owen Sound, Ont. | " | 6 00 |
| 4458 | " 19.. | George Nelson Hudgin | " | Picton, Ont | " | 6 00 |
| 4459 | " 19.. | Frank S. Ott | " | Owen Sound, Ont. | " | 6 00 |
| 4460 | " 19.. | John W. McCannel | " | Collingwood, Ont. | " | 6 00 |
| 4461 | " 19 . | Wm. F. Bristow | " | Adolphustown, Ont. | " | 6 00 |
| 4462 | " 19.. | Nathaniel Barrett | " | Owen Sound, Ont. | " | 6 00 |
| 4463 | " 19.. | Richard Stanley Griffiths | Mate | Victoria, B.C. | Victoria, B.C. | 6 00 |
| 4464 | " 19 | Edward Cook | Master | Milford, Ont. | Kingston, Ont. | 15 00 |
| 4465 | " 25.. | Isaac Larocque | " | Sturgeon Falls, Ont. | Ottawa, Ont. | 15 00 |
| 4466 | " 28.. | Gordon Lewis | Mate | Keewatin, Ont. | Rat Portage, O. | 6 00 |
| 4467 | June 2.. | Robt. Wm. McNeil | " | Vancouver, B.C | Vancouver, B.C. | 6 00 |
| 4468 | " 2 . | Edward Muir | Master | Sutton West, Ont. | Kingston, Ont. | 15 00 |
| 4469 | " 2.. | Howard Austin Burnet | Mate | Deseronto, Ont. | " | 6 00 |
| 4470 | " 4.. | Edward McDonald | " | Chatham, Ont. | St. Catharines, O | 6 00 |
| 4471 | " 7.. | Moses Anthony Jesmet | Master | Cornwall, Ont. | Ottawa, Ont. | 15 00 |
| 4472 | " 7.. | McLean Campbell | Mate | Collingwood, Ont. | St. Catharines, O | 6 00 |
| 4473 | " 7 | Best Fullerton | " | Bent River, Ont | " | 6 00 |
| 4474 | " 7.. | Henry H. Lundy | Master | Westbourne, Man. | Rat Portage, O. | 15 00 |
| 4475 | " 7.. | John Gibbs | " | Richard's Landing, Ont. | St. Catharines, O | 15 00 |
| 4476 | " 7.. | Wm. H. Robinson | Mate | New Westminster, B.C. | Vancouver, B.C. | 6 00 |
| 4477 | " 7.. | Joseph Desmeules | " | Murray Bay, P.Q. | Quebec | 6 00 |
| 4478 | " 7.. | John G. Pratt | " | Toronto, Ont. | St. Catharines, O | 6 00 |
| 4479 | " 10.. | Thomas Packer | Master | Torrance, Ont | " | 15 00 |
| 4480 | " 10.. | John K. Livingston | " | St. John, N.B. | St. John, N.B. | 15 00 |
| 4481 | " 10.. | Patrick Mahon | " | Main-à-Dieu, B.C. | Sydney, N.S. | 15 00 |
| 4482 | " 10.. | Albert Cander | Mate | Picton, Ont. | St. Catharines, O | 6 00 |
| 4483 | " 10.. | John Maikson | Master | Malcolm Island, B.C. | Vancouver, B.C. | 15 00 |
| 4484 | " 13.. | Marcel Aucoin | " | Matane, Que | Quebec | 15 00 |
| 4485 | " 13.. | Joseph Roy | Mate | St. Roch de Richelieu, Que | " | 6 00 |
| 4486 | " 13.. | James Balmer | Master | Oak Point, N.B. | St. John, N.B. | 15 00 |
| 4487 | " 13.. | David A. Williams | Mate | Sault Ste. Marie, Ont. | St. Catharines, O | 6 00 |
| 4488 | " 2.. | Philip Hardy | Master | North Sydney, N.S. | Sydney, N.S. | 15 00 |
| 4489 | " 20.. | Alfred Edgar Harris | " | Gore's Landing, Ont. | Kingston, Ont. | 15 00 |
| 4490 | " 20.. | George G. Allan | Mate | New Westminster, B.C. | Vancouver, B.C. | 6 00 |
| 4491 | " 22.. | John Kennedy | Master | Pembrooke, Ont. | Ottawa, Ont. | 15 00 |
| 4492 | " 27.. | Francis Thos. Sinnott | " | Penetanguishene, Ont. | Kingston, Ont. | 15 00 |
| 4493 | " 27.. | Henry Thousseil | " | Brockville, Ont. | " | 15 00 |
| 4494 | " 27.. | H. Baula Wessel | " | Gananoque, Ont. | " | 15 00 |
| 4495 | " 27.. | Edward Gouthier | Mate | Valleyfield, Que. | Ottawa, Ont. | 6 00 |
| 4496 | " 27.. | Anders Janasen | " | Montreal River P.O., Ont. | " | 6 00 |
| 4497 | " 27.. | W. H. Garner | " | Frazer River, B.C | Vancouver, B.C. | 6 00 |
| 4498 | " 27.. | James Stevenson | " | Selkirk, Man. | Rat Portage, O. | 6 00 |
| 4499 | " 27.. | Wm. R. Isherwood | Master | Fort Francis, Ont. | Port Francis, O. | 15 00 |
| 4500 | " 27.. | Narcisse Poirier | Mate | Melocheville, Que. | Kingston, Ont. | 6 00 |
| 4501 | " 27.. | Harry Edgar Brooks | " | Picton, Ont. | " | 6 00 |
| 4502 | " 27.. | John E. Turney | " | Vancouver, B.C. | Vancouver, B.C. | 6 00 |
| 4503 | " 27.. | John Howard Longley | Master | " | Victoria, B.C. | 15 00 |

# APPENDIX No. 45

**STATEMENT** of Wrecks and Casualties reported as having occurred to British, Canadian and Foreign Sea-going Vessels, in Canadian Waters and to Canadian Sea-going Vessels, in other Waters, for the twelve months ended June 30, 1904.

| Date of casualty. | Name of Ship. | Age of ship. | Port of Registry. | How Rigged. — Iron or Wood. — Steam or Sail. | Register Tonnage. | Port sailed from. — Port bound to. | Place where Casualty happened. | Cause and Nature of Casualty. | Lives lost. | Remarks. | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1903. | | Y'rs | | | | | | | | | $ |
| July 29 | Ada G. (54,457) | 36 | St. John, N.B. | None, wood, steam. | 31 | Lying up at Marble Cove, St. John, N.B. | ..... | Burned | ... | Total, | 4,000 |
| June 15 | Ayr (92,350) | 17 | " | Schr., wood, sail. | 121 | St. John, Vineyard, Haven, Boston. | Nantucket shoals, U. S. A. | Stranded | .... | Partial, | 400 |
| " 9 | Argentina (92,682) | 13 | Pictou | Bgtn., wood, sail. | 583 | New York to Buenos Ayres. | Bear River, N.S. | Fell over at low tide | .... | Partial. | |
| July 14 | Abana (96,945) | ... | St. John, N.B. | Schr., wood, sail. | 97 | St. Martin's, N.B., to Bridgeport, Conn. | Off Point Judith, Conn., U.S.A., Atlantic. | Damaged in collision | ... | Partial, | $360 |
| Nov. 7 | Alacrita | 1 | Christiana, Sweden. | Ship, steel, sail. | 1823 | Glasgow to St. Anne des Montes. | 30 miles S.S.E. of St. Paul's Island, C.B. | Cargo shifted, vessel lifted 30°, libelled for $3,500. | | | |
| Aug. 24 | Albertina (94,736) | 13 | Windsor, N.S. | Bkrn., wood, sail. | 654 | Annapolis, N.S., Digby, N.S., to Montevideo, S.A. | Lat. N., 36°, Long. W., 48', N. Atlantic. | Lost masts and sails, Master M. Christiansen. | | | |
| Nov. 9 | Angel's Padre | .... | Italian Genoa. | Schr., iron, steam. | 1903 | Chatam, N.B., to Brownhead for orders. | Miramichi Bay, N.B. | Stranded, Master A. Girarde. | .... | Cargo, | 3,500 |
| Oct. 24 | Avis (85,978) | 21 | St. John, N.B. | Schr., wood, sail. | 125 | Joggins, N.S., to St. John, N.B. | Off Martin Head, Bay of Fundy. | Sprung a leak. | | | |
| " 22 | Avon (66,502) | 30 | Windsor, N.S. | Schr., wood, sail. | 182 | Perth Amboy to St. John, N.B. | N. E. side of Cranberry Isles, Me., U.S.A. | Stranded, error of master, Master H. B. McKiel. | .... | Total, | 3,300 |
| Sept. 24 | Advent (112,321) | 1½ | Lunenburg, N.S. | Schr., wood, sail. | 256 | New York, Macons, to New York. | Diamond shoal Lt. ship, N.W., 21 miles, U. S.A. | Sprung a leak and lost sails, Master W. D. Scut. | .... | Partial, | 2,100 |
| Dec. 15 | Amur (98,073) | 13 | Victoria, B.C. | Schr., iron, steam. | 570 | Victoria, Ketchican to Port Simpson. | Port Simpson, B.C. | Stranding, master. | .... | Trifling. | |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Jan. | 2 | Ayr (92,353) | 17 | St. John, N.B. | Schr., wood, coal. | 121 | St. John, N.B. to City Island for orders. | 10 miles E. Highland, Cape Cod. | Vessel got water-logged, was abandoned. | .... | Total, 4,896 |
| " | 22 | Alexa (111,745) | 2 | Lunenburg, N.S. | Schr., wood, sail. | 99 | Lunenburg, N.S., Manserville to New York. | Romer shoal, New York harbour, U.S.A. | Stranding. Scott Corkum, master. | ... | Total, 12,500 |
| Feb. | 19 | Arabia (111,750) | .... | " .. | Schr., wood. sail. | 80 | Cardigan, P.E.I., Lunenburg, N.S. to Boston, U.S.A. | Boston, lying at wharf | Burned, Thos. A. Backman, master. | .... | Part, 3,500 |
| 1903. | | | | | | | | | | | |
| Dec. | 18 | Alaska (94,783) | 14 | " .. | Schr., wood, sail. | 87 | St. Georges, Nfld. to Bay of Islands. | Stephenville cove, St. George's bay, Nfld. | Stranding, caused by current and squall, master. | .... | Total, 2,000 |
| Aug. | 10 | Arrow (11,699) | 1 | Liverpool, N.S. | Schr., wood, sail. | 183 | Liverpool, N.S. to Port Antonio, Ja. | Harbour of Port Antonio, Jamaica. | Blown ashore by squall, master. | .... | Partial, 50 |
| 1904. | | | | | | | | | | | |
| June | 4 | Annie Bliss | 33 | New York, U.S.A. | Schr., wood, sail. | 275 | Salem, Mass. to Hillsboro, N.B. | Apple River, N., bearing E., 3 miles, Bay of Fundy. | Lost foremast stays and damaged keelson and rigging. | .... | Partial, 700 |
| " | 30 | Albertina (94,736) | 14 | Windsor, N.S. | Bktne., wood, sail. | 654 | Halifax, N.S., New York to Yarmouth, N.S. | Chalain, Mass, U.S.A. | Struck unknown obstacle, mate. | | |
| Mch. | 13 | Alkaline (103,731) | 7 | Parrsboro, U.S. | Bktn., wood, sail. | 626 | Philadelphia, U.S.A. to Buenos Ayres. | 36° 58′ N., 63° 40′ N., N. S. Atlantic. | Master. | | |
| May | 14 | Acacia (92,625) | 16 | Liverpool, N.S. | Schr., wood, sail. | 99 | Etonville, N.S. to New York, U.S.A. | East River, New York, U.S.A. | Sloop Thomas Wilson, ran into the "Acacia," master and owner. | .... | Partial, 100 |
| 1903. | | | | | | | | | | | |
| May | 12 | Bertha Gray (90,899) | 13 | Yarmouth, N.S. | Brig, wood, sail. | 320 | Bear River, Jacksonville to St. Kitts, Martinique. | Lat. 32° 16′ W., Long. 77° 56′ W. | Abandoned. Master J. Richards. | .... | Crew taken off by SS. St. Oswald. Total. |
| June | 21 | Bessie (100,545) | 7 | Digby, N.S. | Schr., wood, sail. | 88 | Yarmouth, N.S. to Pawtucket. | Vineyard Haven, U.S.A. | Broke tiller. | | |
| July | 3 | Bonnie Doone (96,952) | 13 | St. John, N.B. | Schr., wood, sail. | 117 | St. John, N.B., Clements Port to Boston, U.S.A. | Off Digby Gut, N.S. | Lost jib during gale. Master M. E. Hayes. | | |
| " | 24 | Baines Hawkins. (83,918) | 22 | Newcastle, G.B. | Schr., iron, steam. | 435 | Yarmouth, N.S. to Pictou, N.S. | Harriet Ledge, between Yarmouth and Cape Sable, N.S. | Stranded. Master J. C. Peters. | .... | Partial, 10,000 |
| Sept. | 9 | Battistina Madre | 29 | Genoa | Bk., wood, sail. | 782 | Savona, Italy to St. John, N.B. | Repairing at St. John. | Fell over on the blocks and was so damaged, that she was sold by auction. | .... | Total, 5,000 |
| July | 25 | Bessie G. (85,629) | 19 | Parrsboro, N.S. | Schr., wood, sail. | 69 | River Herbert, N.S. to Parrsboro, N.S. | River Herbert, Cumberland Bay, N.S. | In collision with bridge. Master W. L. Gates. | .... | Part, 160 |
| Aug. | 1 | Bingette | .... | Christiansand. | Bk., wood, sail. | 546 | Havre, France to Sheet Harbour. | 45 miles S.E. of Sheet Harbour, N.S. | Collided with schr. Georginia in dense fog. Master J. W. Anderson | .... | Part, 500 |

STATEMENT of Wrecks and Casualties reported as having occurred to British, Canadian and Foreign Sea-going Vessels in Canadian Waters, &c.—*Continued.*

| Date of casualty. | Name of Ship. | Age of ship. | Port of Registry. | How Rigged. — Iron or Wood. — Steam or Sail. | Register Tonnage. | Port sailed from. — Port bound to. | Place where Casualty happened. | Cause and Nature of Casualty. | Lives lost. | Remarks. | $ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1903. | | Y'rs | | | | | | | | | |
| Oct. 16 | Baden Powell... (107,780) | 3 | Chatham, N.B | Schr., wood, sail. | 97 | Chatham, N.B. to New York, U.S.A. | 25 miles N.E. of Cape Cod, Highland light, U.S.A. | Lost 16 lath in gale. Owners. | .... | Cargo, | 32 |
| ..... 1904. | Britannia ..... (100,342) | 4 | Martland, N.S | Schr., wood, sail. | 263 | New York to Cartagena | Galera Zemba, S.E. by S., 3 miles 10° 45′ N. 75° 25′ W. | Stranded. J. H. Nickerson, master. | .... | Total loss. | |
| May 12 | Bonavista ..... (87,960) | 20 | Montreal, Que. | Schr., iron, steam. | 837 | St. Johns, Nfld., Sydney, N.S. to Montreal, Que. | Pt. St. Francis, St. Lawrence river. | Collision with D.G.S. Eureka. Master. | .... | Partial. | |
| " 26 | Bobs..... (92,747) | 10 | Parrsboro, N.S. | Schr., wood, sail. | 97 | Parrsboro, N.S., Rockland, Me., to Vineyard Haven. | Off Cape Ann, Mass., U.S.A. | Broke 4 deck beams. Owner. | .... | Part, | 1,192 |
| Feb. 4 | Bessie A..... (100,340) | 6 | Parrsboro, N.S. | Schr., wood, sail. | 96 | Red Beach, Me. to Parrsboro, N.S. | Bay of Fundy, Basin of Minas. | Jammed by ice. Master and owner. | .... | Part, | 1,316 |
| 1903. June 5 | Creedmoor..... | 19 | St. John, N.B. | Ship, wood, sail. | 1398 | Ship Island to Montevideo. | 31° 44′ S., 46° 53′ W., S. Atlantic. | Lost rudder during storm Master A. R. Kennedy. | .... | | |
| Aug. 29 | Chas S. Whitney (90,505) | 18 | Parrsboro, N.S. | Ship, wood, sail. | 1651 | Rouen, France to New York. | Execution Rock, Long Island Sound, N.Y., U.S.A. | Stranded. Master Levi Atkins. | .... | Part, | 5,000 |
| June 15 | Cuba ..... (85,441) | 20 | Windsor, N.S. | Bktn., wood, sail. | 453 | New York, U.S.A. to Yarmouth, N.S. | Nantucket Shoals, U.S.A. | Broke windlass. Master G. E. Bentley. | .... | Part, | 150 |
| Nov. 9 | C. D. Rand..... | 12 | Victoria, B.C. | Schr., wood, sail. | 51 | Victoria, B.C. to Dutch Hrbr, Alaska, U.S.A. | Kyuquot Sound, B.C.. | Stranded. Master J. G. Searle. | .... | Partial. | |
| Aug. 19 | Carolina..... (101,261) | 26 | St. Johns, Nfld | —— iron, steam. | 610 | Quebec, Tadousac to Chicoutimi. | Passe Paire, Saguenay river. | Stranded in foggy weather. | .... | Partial. | |
| Oct. 18 | Champion..... | 3 | Vancouver, B.C. | — — steam. | 68 | Vancouver, Esquimalt to Vancouver. | Oyster Bay, Vancouver Island, B.C. | Burned. Owners. ..... | .... | Total, | 8,560 |
| " 20 | Crystal Stream . (172,229) | 30 | St. John, N.B. | —— wood, steam. | 304 | St. John, N.B., on excursion. | Kennebecaces river, near Rothesay, N.B. | Ran on a rock. Manager D. J. Purdy. | .... | Part, | 400 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Dec. 30 | C. R. Flint..... | 31 | New York.... | Schr., wood, sail. | 252 | St. John, N.B. to New Bedford. | Campobello, N.B., Beacon Head. | Stranded in thick snow storm. Master. | .... | Total, | 9,000 |
| " 18 | Cuba..... (85,441) | 20 | Windsor, N.S. | Bktn., wood, sail. | 453 | Windsor, New York to Port Greville. | Long Island, Monkurk Pt., U.S.A. | Stranded. G. E. Bentley, M.O. | .... | Total. | |
| 1904. | | | | | | | | | | | |
| June 12 | Concord..... (111,650) | 3 | Lunenburg, N.S. | Schr., wood, sail. | 79 | La Have, Port Hawksbury to Magdalen Islands. | Beach between Amherst and Grindstone Islds, Que. | Stranded. Master J. Getson. | .... | Total, | 3,000 |
| " 5 | Creedmoor..... (88,678) | 20 | St. John, N.B. | Ship, wood, sail. | 1399 | Ships Island to Montevideo. | 31° 44′ S., 46° 53′ W. Brazil coast. | Lost rudder and part cargo. Master. | .... | Partial, | 600 |
| May 4 | Cheslie..... (103,726) | 8 | Parrsboro, N.S. | Ship, wood, sailing. | 330 | Pelanque, San Domingo to New York. | Pelanque, San Domingo | Grounded, Master..... | .... | Part, | 400 |
| 1903. | | | | | | | | | | | |
| June 22 | D. J. Melancon. (100,899) | 6 | Weymouth, N.S. | Schr., wood, sail. | 134 | Chatham, N.B. to New York, U.S.A. | Off Highland Light, U.S.A. | Lost deck load and masts and sails. | .... | | |
| Jan. 12 | D. J. Melancon. (100,899) | 6 | Weymouth, N.S. | Schr., wood, sail. | 134 | Tusket, Tusket Wedge to New York. | 10 miles S.E. Cape Cod | Lost fore topmast and part deck load. Master H. Le Blanc. | .... | Part. | |
| June 30 | Douro..... (78,459) | 24 | Quebec, Que.. | Schr., iron, steam. | 211 | Quebec, coasting voyage. | St. Annes Bay near St, Denis, St. Lawrence river. | Stranded. Master, Brown | .... | Partial. | |
| Sept. 10 | David Weston.. (54,398) | 37 | St. John, N.B. | —— wood, steam. | 552 | Fredrickton, N.B. to St. John, N.B. | ½ mile off Craigs Point, St. John river. | Destroyed by fire. Manager, Orchard. | .... | Total, | 25,000 |
| Nov. 3 | Drottwing Sop'ia (3,812) | 2 | Stockholm, Sweden. | Schr., steel, steam. | 3387 | Sydney, Quebec to Montreal. | Lake St. Peter, St. Lawrence river. | Stranded, no damage.... | .... | | |
| " 20 | Dauntless..... | 2 | New Westminster, B.C | Sloop, wood, steam. | 129 | Vancouver to Port Neville, B.C. | Euclitain Rapids, B.C. | Stranded. Master..... | .... | Part, | 4,500 |
| 1904. | | | | | | | | | | | |
| Jan. 7 | Demozelle..... (92,380) | 15 | Parrsboro, N.S. | Schr., wood, sail. | 163 | Harvey, N.B., Apple River, N.S. to Boston, Mass. | Cumberland Bay, N.B. | Stranded. Owner..... | .... | Partial, | 1,500 |
| May 28 | Danube..... (62,279) | .... | Victoria, B.C. | Schr., iron, steam. | 561 | Victoria, Vancouver to Naas, &c., B.C. | Seymour Narrows, B.C. | Stranded..... | .... | No damage. | |
| Sept. 6 | Exception ... (100,517) | 11 | Parrsboro', N.S. | Schr., wood, sail. | 380 | Bonaire, D.W.I., to Boston, Mass. | Long Island Sound, U.S.A. | Stranded, Master A. E. Baxter. | .... | Partial, | 1,200 |
| " 6 | Eva Stewart.... (83,130) | 22 | " .. | " .. | 98 | Windsor, N.S., Parrsboro', N.S., to Boston, Mass. | Fishers Island passage, Whitehead, Maine, U.S.A. | Stranded, Master J. Moore. | .... | " | 1,100 |
| ..... | E. A. O'Brien... (90,479) | .... | Maitland, N.S | ..... | ..... | ..... | Rosairo, Ag..... | Collision..... | .... | | |
| Oct. 20 | Eltie..... (92,360) | 16 | St. John, N.B. | Schr., wood, sail. | 117 | Joggins, N.S., to St. John, N.B. | Rockport, N.B., Bay of Fundy. | Sprung a leak and beached. | .... | Total, | 3,000 |
| 1904. | | | | | | | | | | | |
| Jan. 12 | E. A. Saveau.... (90,839) | 2 | Port Medway, N.S. | " .. | 249 | San Blas Coast, Porto Bello, to New York. | 3 miles N.N.E. San Blas Point, Carribbean Sea. | Two wire shrouds carried away owing to wind and sea. | .... | Partial, | 50 |
| 1903. | | | | | | | | | | | |

STATEMENT of Wrecks and Casualties reported as having occurred to British, Canadian and Foreign Sea-going Vessels in Canadian Waters, &c.—*Continued.*

| Date of Casualty. | Name of Ship. | Age of Ship. | Port of Registry. | How Rigged. — Iron or Wood. — Steam or Sail. | Register Tonnage. | Port sailed from. — Port bound to. | Place where Casualty happened. | Cause and Nature of Casualty. | Lives lost. | Remarks. | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1903. | | Y'rs | | | | | | | | | $ |
| Dec. 19 1904. | Edward Grover.. (107,954) | 20 | Lunenburg, N.S. | Schr., wood sail. | 69 | Whitney Pier, C.B ... | Charlottetown, Sydney, C.B. | Stranding, G. A. Cruickshank, master. | .... | | |
| Mar. 26 1903. | Elliot ..... ... (97,076) | 11 | Charlottet'wn, P.E.I. | Schr., wood, steam. | 227 | Halifax, N.S., to Channel, Nfld., sealing voyage. | St. Paul's Island, Gulf of St. Lawrence. | Stranded, jammed in ice pack, Capt. McMillen. | .... | Total, | 30,000 |
| June 14 | Fraulein ..... (90,617) | 14 | Moncton, N.B. | Schr., wood, sail. | 124 | Edgewater, to St. John, N.B. | Off Vineyard lightship. | In collision, lost mast and sails. | .... | | |
| July 21 | Florida..... (100,567) | 11 | Lunenburg, N.S. | " .. | 148 | New York, to Colon, Lagarto. | Lagarta Coast, Columbia, S.A. | Stranded, Master C. Brinkman. | .... | " | 4,800 |
| " 24 | Foster Rice..... (107,602) | 4 | Annapolis, N.S. | " .. | 179 | Arroyo, P.R., Bermuda, to St. John, N.B. | 37° 30′ N., 67° 40′ W. N. Atlantic. | Damaged in a hurricane, Master E. Brinton. | ... | Ship, Cargo, | 5,700 3,580 |
| Sept. 27 1904. | Florence ..... (100,864) | 10 | Quebec, Que.. | Sails ..... | 46 | Matane..... | ..... ..... ... | Stranded..... | .... | Total, | 1,700 |
| May 7 1903. | Falmouth. .... (72,184) | 28 | Windsor, N.S. | Schr., wood, sail. | 477 | Loading at Parrsboro', N.S., for New York. | ... ..... .... | " ..... ... | .... | " | 6,000 |
| June 15 | Genesta ..... (92,361) | 16 | St. John, N.B. | " .. | 98 | Annapolis, N.S., to Portland, Me., Boston, Mass. | .... ..... | Lost deckload, Master A. Holmes. | .... | | |
| July 2 | Goldseeker..... (103,203) | 7 | Liverpool, N.S | " .. | 199 | Liverpool, N.S., to Cartagena, Isle of Pines. | 10 miles E.N.E Isle of Pines, Caribbean Sea. | Capsized and sank, Master G. S. Diggdon. | 4 | " | |
| 27 | Gumo ..... | 33 | Fredrickstad, Norway. | Bktn., wood, sail. | 849 | Campbellton to Swansea. | West of the Magdalen Islands, Gulf of St. Lawrence. | Sprung a leak in gale, Master Mathieson. | ... | Partial. | |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (90,514) | | N.S. | | | York, U.S.A. | | accident, caused vessel to swing ashore. | | | | |
| Nov. 8 | Georgian..... (107,907) | 5 | Victoria, B.C. | Barge, wood.. | 894 | Vancouver, B.C., to Union Bay, B C. | Gillies' Bay. Texada Island, B.C. | Trifling accident owing to tow-line breaking. owner, S. McKenzie. | .... | | | |
| Sept. 9 | Goliah..... | 3 | Halifax, N.S.. | Schr., wood, steam. | 99 | Caraquet to Neguac... | Shippegan, N.B ..... | Stranding, Master P. H. Gasler. | .... | " | 2,500 | |
| July 23 | G. E. Bentley... (100,120) | 12 | Parrsboro', N.S. | Schr., wood, sail. | 250 | Mobile, U S.A., to Cienfuegos, Cuba. | Gulf of Mexico..... | Wrecked, H. M. British Consul. | .... | Total, | 14,000 | |
| ..... | Granada..... | .... | Port Hawkesbury, N.S. | " .. | 60 | Port Mulgrave, to D'Escousse, St. Peter's. | Grand Grave, St. Peter's Bay, N.S. | Burned..... | .... | " | | |
| 1904. | | | | | | | | | | | | |
| June 22 | Garfield White.. (94,864) | 14 | Parrsboro', N.S. | " .. | 99 | New York to Apple River. | Off Gray Head, Martha's Vineyard. | Lost foremast head in heavy squall, Boston Consul. | .... | | | |
| May 18 | Golden Rod..... (86,462) | 5 | Gloucester, Mass. | " .. | ... | Gloucester to Chester, The Banks. | Port Hastings, N.S... | Run down by steamer, F. W. Roebling, master. | .... | Partial, | 500 | |
| 1903. | | | | | | | | | | | | |
| July 2 | Goldseeker..... (103,203) | 7 | Liverpool, N.S | " .. | 194 | Grenada to Cartagena, St. Blas Coast. | 10 miles E.N.E. Isle of Pines, San Blas. | Foundered, capsized by squall. | 5 | Total, | 7,000 | |
| June 24 | Hazel Glen..... (85,554) | 19 | Yarmouth, N.S. | " .. | 95 | St. John, N.B., to Halifax, N.S. | Troops Point, Annapolis River, N.S. | Stranded, Master Anderson. | .. | " | 1,200 | |
| July 10 | Hermod ..... | .... | Bremen, Germany. | Schr., steel, steam. | 1,918 | Sunderland, Boston, to Sydney, C.B. | Flint Isle, Cape Breton. | Stranded, Master A. Gabrish. | .... | | | |
| June 22 | H. A. Holder... (96,756) | 13 | St. John, N.B. | Schr., wood, sail. | 94 | St. John, N.B., to New Haven, Conn. | 40 miles N.E. by Highland Light, Cape Cod, N. Atlantic. | Lost 71 laths, Master A. A. McIntyre. | .... | Cargo, | 142 | |
| May 29 | Helena Maude.. (85,563) | 20 | Barrington, N.S. | " .. | 97 | Newcastle, N.B., to New York. | Shovelfull shoals, N. Atlantic. | Stranded, Master P. Trenholme. | .... | | | |
| July 26 | Hedwig ..... | 5 | Flensburg, Germany. | —— steel, steam. | 1,540 | London, G.B., Bathurst N.B., Manchester. | 7 miles S.E. Pt. Amour shoals Belle Isle. | Collision with an iceberg. Master B. Jensen. | .... | Partial, | 1,000 | |
| " 22 | Hattie & Lottie. | 19 | New Bedford, U.S.A. | Schr., wood, sail. | 96 | St. Vincent, Cape Verde to St. John, N.B. | Lat. 40° N., Long. 60° W., N. Atlantic. | Lost sails and badly strained in hurricane. Master. | .... | Ship, Cargo, | 2,000 150 | |
| ..... | Hiack ..... (107,730) | 4 | Vancouver, B.C. | Schr., wood, screw. | 16 | Vancouver, B.C., to Barclay Sound. | Barclay Sounds, B.C.. | Stranded and was abandoned. | .... | Total, | 1,200 | |
| ..... | Hillside ..... (103,708) | 6 | Yarmouth, N.S. | Bktne., wood, sail. | ..... | Tusket Wedge to Buenos Ayres, Rosario | Martin Garcia, Bar River Plate, S.A. | Collision. Master C. A. Trefry. | .... | Ship, | 100 | |
| 1904. | | | | | | | | | | | | |
| Mar. 1 | Harry Groop.... (111,693) | 3 | Liverpool, N.S. | Schr., wood, sail. | 198 | Jordan Bay, Sand Pt., Barbadoes. | Lat. 40° 10', Long. 64° Atlantic. | Sprang a leak. O. P. Thurburn, Master. | .... | Partial, | 75 | |
| Feb. 13 | Hamburg..... (92,482) | 17 | Windsor, N.S. | Bque., wood, sail. | 1,049 | New York to Montevideo. | Lat. 36° 58' N., Long. 65° 13' W., Atlantic. | Lost top gallants and all attached. Master. | .... | ? | | |

STATEMENT of Wrecks and Casualties reported as having occurred to British, Canadian and Foreign Sea-going Vessels in Canadian Waters, &c.—*Continued.*

| Date of Casualty. | Name of Ship. | Age of Ship. | Port of Registry. | How Rigged. — Iron or Wood. — Steam or Sail. | Register Tonnage. | Port sailed from. — Port bound to. | Place where Casualty happened. | Cause and Nature of Casualty. | Lives lost. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|
| 1903. | | Y'rs | | | | | | | | $ |
| May 15 | Havelock..... (38,373) | 46 | Halifax, N.S.. | Schr., wood, sail. | 78 | Port Hastings, Liscomb, Bridgetown. | Sable River Bar, N.S., Atlantic Ocean. | Stranded. Master ..... | .... | Total, 1,350 |
| " 4 | Hazelton..... (107,834) | 3 | Victoria, B.C. | —— wood, steam. | 236 | Port Essington to Hazelton. | Skeena River, B.C.... | Collision with ss. Mount Royal. | .... | Trifling. |
| 1903. | | | | | | | | | | |
| Nov. 2 | Henry Hooves.. (75,820) | 40 | Halifax, N.S.. | —— wood, steam. | 37 | Halifax Harbour to Gowing. | Halifax Harbour..... | Run down by schooner Master. | .... | Total, 5,000 |
| Dec. 27 | Independence... (100,728) | 2 | Gloucester, Mass. | Schr., wood, sail. | 102 | Gloucester to Bay of Islands, Nfld. | Off Schooner Pond, C.B., N.S. | Stranded in thick weather E. West, Master. | .... | Total, 10,100 |
| 1904. | | | | | | | | | | |
| Mar. 4 | J. H. Bowers... (112,385) | 28 | Sydney, N.S.. | Bque., wood, steam. | 655 | Weymouth, N. S., to Buenos Ayres. | St. Mary's Bay, N.S.. | Sprang a leak and condemned. Master. | .... | Total, 4,500 |
| Apr. 10 | J. E. Graham... (53,204) | .... | Windsor, N.S. | —— sail..... | 1,336 | Buenos Ayres to Rosario. | River Parana, Argentine Rep. | Collision. Protest and Survey. | | |
| Feb. 10 | Josie..... (94,829) | 12 | Weymouth, N.S. | Schr., wood, sail. | 140 | Meteghan, N. S., to Barbados. | Lat. 40° 23′ N., Long. 62° 58′ W., N. Atlantic | Filled with water. The Master. | .... | £1,100. |
| Apr. 3 | John Lawrence.. (57,715) | 35 | Halifax, N.S.. | Schr., wood, sail. | 23 | Larry's River, Sherbrooke, Larry's River | Wine Hrbr. Bar, N.S.. | Stranded. Master..... | .... | Total, 400 |
| " 24 | J. W. Raymond (80,603) | 24 | Liverpool, N.S. | Schr., wood, sail. | 35 | Annapolis, Finiston, N.S., Liverpool. | Pease Island, Bay of Fundy. | Stranded. E. Payzant, Master. | .... | Total, 750 |
| Feb. 15 | James W..... (107,184) | 6 | Charlottetown P.E.I. | Schr., wood, sail. | 150 | Halifax, N.S., to Trinidad, B.W.I. | Lat. 40° 40′ N., Long. 64° 50′ W., Atlantic. | Abandoned at sea. Master. | .... | Total, £1,500. |
| 1903. | | | | | | | | | | |
| Apr. 24 | King Edward .. (113,641) | 1 | Hull, England | Schr., wood, steam. | 155 | Quebec, Esquimaux to Sydney, C.B. | Lat. 47° 5′ N., Long. 63° 43′ W., Gulf of St. Lawrence. | Caught in ice. Master A. G. Pickelle. | .... | |
| 1904. | | | | | | | | | | |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1903. | | | | | | | Fundy. | | | | |
| June 5 | Lyra..... (88,265) | 20 | St. John, N.B. | Schr., wood, sail. | 99 | St. John, N. B., to Boston. | En route..... | Split main sail. Master G. E. Evans. | .... | | |
| July 30 | Lake Manitoba.. (113,497) | 2 | Liverpool, G.B. | 4-masted, steel, steam. | 6,274 | Montreal to Liverpool. | Montreal Harbour .... | Stranded. Master W. H. Taylor. | .... | No damage. | |
| Aug. 3 | Leonard Parker. (107,065) | 6 | St. John, N.B. | Schr., wood, sail. | 246 | Dalhousie, N. B., to Philadelphia, U.S.A. | 44° 46' N., 64° W., off Cape Sable. | Lost 50 M. lath and some sails. Owner, R. C. Elkin. | .... | Trifling. | |
| Sept. 17 | Lady Head..... (52,674) | 38 | London, G.B.. | Bk., wood, sail | ..... | London to Carlton Isd. | Gasket Shoals, Hudson's Bay. | Floundered. Master J. G. Ford. | .... | Total. | |
| Aug. 27 | Lawrel..... (97,066) | 11 | Charlottetown P.E.I. | Schr., wood, sail. | 76 | Rustico, Sydney, Rustico. | Pt. de Roche, N. Side, P.E.I. | Stranding ..... | .... | Total, | 2,112 |
| Oct. 9 | Leonord Parker. (107,065) | 6 | St. John, N.B. | Schr., wood, sail. | 246 | Savannah, Ga., to St. John, N.B. | 400 miles south of Cape Hatteras, N. Atlantic | Lost sails, rigging and part of deckload. Agent E. Elkins. | .... | Partial, | 2,000 |
| ..... | Levose..... (83,251) | 21 | Weymouth, N.S. | Schr., wood, sail. | 86 | Belliveau's Cove, N.S.. | Little River, St. Mary's Bay, N.S. | Damaged anchor and stranded. Owner T. LeBlanc. | .... | Trifling. | |
| Oct. 28 | Lilla B. Hirtle.. (107,129) | 4 | Lunenburg, N.S. | Schr., wood, sail. | 99 | Jordan River, N.S., to New York, U.S.A. | Horton Point, Long Island, U.S.A. | Stranded in fog. Master James Hulle. | .... | Partial, | 2,360 |
| Apr. 9 | Lovisa..... (97,189) | 12 | Windsor, N.S. | Bktne., wood, sail. | 880 | Pernambuco to Delaware Breakwater. | Delaware Breakwater, U.S.A. | Collision with ss. Adato. Owner C. W. Smith. | .... | Partial, | 4,100 |
| Sept. 18 | Lunenburg ..... (100,166) | 13 | Lunenburg, N.S. | Schr., wood, steam. | 266 | Pictou, N.S., Amherst, M.I., Grand Etaing. | Grand Etaing Bar, Gulf of St. Lawrence. | Struck on breakwater and lost rudder. Master R. D. Burns. | .... | Partial, | 2,000 |
| Nov. 7 | Lilla D. Young. (107,663) | 4 | Lunenburg, N.S. | Schr., wood, sail. | 100 | Lunenburg, Jordan River, New York. | Cape Sable, bearing E., Bay of Fundy. | Lost 15 M. lath. Master A. Humuelman. | .... | Cargo. | |
| Feb. 24 | Laura..... (96,772) | 9 | Port Hawkesbury, N.S. | Schr., wood, sail. | 27 | Port Hastings to Harbour Bouche. | Margaree Harbour, N.S. | Stranded, recovering wreck. | .... | Part, | 100 |
| 1904. | | | | | | | | | | | |
| an. 3 | Leonard B..... (100,106) | 13 | Parrsboro, N.S. | Schr., wood, sail. | 121 | Parrsboro, N.S., to Stonington, Me. | Grand Transom, N.B.. | Foundered. The owner. | .... | Total, | 4,100 |
| " 8 | Lizzie Dyas..... (100,525) | 10 | Yarmouth, N.S. | Schr., wood, sail. | 99 | Church Point, Quoddy to Rockland, Me. | 20 miles S. of Cape Forelin, Bay of Fundy. | " Master..... | .... | " | 2,500 |
| 1903. | | | | | | | | | | | |
| May 27 | Marjorie J. Summer. (100,348) | ½ | Maitland, N.S. | Schr., wood, sail. | 354 | New York, Hopewell Cape to Moncton. | Moncton, N.B..... | Stranded. | | | |
| June 16 | Mary..... (92,742) | 13 | Sackville, N.B. | Schr., wood, sail. | 99 | Dorchester, N.B., to Vineyard Haven. | En route off Cape Cod. | Sprung a leak. | | | |
| Aug. 8 | Miletus..... (90,823) | 15 | Lunenburg, N.S. | Schr., wood. sail. | 95 | Sydney, C.B., to Chatham, N.B. | Cape North, C.B..... | " Master S. Bowdridge, | | | |
| July 25 | Manchester Engineer. (113,116) | 1 | Manchester, G.B. | F. & A., iron, steam. | 2,813 | Manchester, Quebec, to Manchester. | Off St. John's Point, River St. Lawrence. | Bent valve spindle. Master J. Acraman. | | | |

STATEMENT of Wrecks and Casualties reported as having occurred to British, Canadian and Foreign Sea-going Vessels in Canadian Waters, &c.—*Continued.*

| Date of Casualty. | Name of Ship. | Age of Ship. | Port of Registry. | How Rigged. — Iron or Wood. — Steam or Sail. | Register Tonnage. | Port sailed from. — Port bound to. | Place where Casualty happened. | Cause and Nature of Casualty. | Lives lost. | Remarks. | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1903. | | Y'rs | | | | | | | | | $ |
| Aug. 10 | Manchester Trader. (97,829) | 13 | Manchester, G.B. | F. & A., iron, steam. | 2,126 | Manchester, Montreal to Manchester. | S. Point Anticosti, Gulf of St. Lawrence. | Stranded. Master W. J. Swords. | ... | Part, | 49,000 |
| July 14 | Monterey. ..... (109,427) | 3 | Liverpool, G.B. | Schr., steel, steam. | 3,489 | Montreal to Liverpool. | Platte Point light S. 11° east Miq., ¼ mile Miq. | Stranded. Master R. O. Williams. | ... | Total, | |
| Nov. 27 | Margarite Main. (113,011) | 23 | St. John's, Nfld. | Schr., wood, sail. | 60 | Charlottetown, Souris East to New London. | Off New London, P.E.I. | Stranded. Master J. P. Buffett. | .... | " | 700 |
| Oct. 25 | Martha A. Bradley. (116,293) | 21 | Charlotte'own, P.E.I. | Schr., wood, sail. | 79 | Charlottetown, Alberton to New London. | New London, P.E.I... | Stranded, buoy out of place. Master P. E. Conroy. | .... | " | 2,000 |
| ..... | Maud Moulton.. (111,689) | 1 | Shelbourne, N.S. | Schr., wood sail. | 99 | Oporto, Cadiz, to Burges, Nfld. | Missing..... ..... | ... ..... ..... | ... | " | £1,500 |
| Sept. 25 | Metropolis..... (112,237) | 64 | St. John, N.B. | Schr., wood, sail. | 66 | Noël, N.S, to Campobello, N.B. | Basin of Midas, Parrsboro, N.S. | Stranded. Master J. R. Brown. | ... | " | 350 |
| Nov. 16 | Mystery..... (94,816) | 13 | Victoria, B.C. | Sloop, wood, steam. | 39 | Vancouver, B.C., to Esquimalt, B.C. | Esquimalt, B.C..... | Stranded, want of local knowledge, Master W. McKenzie. | .... | Part, | 1,000 |
| 1904. | | | | | | | | | | | |
| Jan. 18 | Mercedese..... (100,897) | 8 | Weymouth, N.S. | Schr., wood, sail. | 140 | Barbadoes to Belliveau's Cove, N.S. | Lat. 20° N..... ..... | Damaged in storm. Oliver Cormeau master. | | | |
| 1903. | | | | | | | | | | | |
| Dec. 11 | Maggie Miller.. (92,364) | 16 | St. John, N.B. | Schr., wood, sail. | 93 | Boston to Windsor, N.S. | Off Townsend, Me., U.S.A. | Run into by an unknown 3-master. Master. | ... | Partial, | 426 |
| Nov. 24 | Moana ..... (101,479) | .... | New Zealand.. | Schr., steel, steam. | 2,414 | Sydney, N.S.W., Honolulu, H.I., to Vancouver, B.C. | William Head, Victoria, B.C. | Stranded. Master..... | .... | No damage. | |
| 1904. | | | | | | | | | | | |
| Feb. 27 | Mary A. Troop.. (85,990) | 12 | St. John, N.B. | Schr., wood, sail. | 1,118 | Pensacola to Rio de Janeiro. | Lat. 35° 18′ N., long. 61° 30′ W., Atlantic. | Abandoned at sea. Master W. L. Walley. | .... | Total, | 20,000 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Jan. 22 1903. | M. J. Loley..... (103,015) | .... | Liverpool, N.S. | Schr., wood, sail. | 99 | Halifax, N.S., Green Harbour to Philadelphia. | Lat. 48° 43′ N., long. 52° 11′ W., banks. | Foundered at sea. Master's protest. | .... | " | 4,000 |
| Dec. 15 1904. | Manauense..... (70,709) | .... | Victoria, B.C. | Schr., wood, steam. | 976 | Ladysmith, Hakadate to San Francisco. | Volcano Bay, Japan... | Stranded ..... ..... | .... | " | 50,000 |
| May 4 1903. | Mount Royal... (111,778) | 34 | " " .. | Schr., wood, steam. | 471 | Victoria, B.C., Essington, B.C., to Hazelton, B.C. | " " .. | " at Hazelton.... | .... | | 200 |
| June 13 1904. | Norwegian ..... (51,476) | 38 | Glasgow, G.B. | Schr., wood, steam. | 2,252 | Glasgow, Montreal to to Glasgow. | Larkin Island, Nfld... | " Master S. Whitney. | | | |
| May 23 | Nellie Carter.... (103,017) | 10 | Parrsboro, N.S. | Schr., wood, sail. | 78 | Economy, N.S., to Boston, U.S.A. | ..... | Put into Portsmouth with loss of deck load. | | | |
| June 8 | Nellie White... (100,513) | 12 | " " .. | Schr., wood, sail. | 124 | Sand River, N.S., to New York. | Lloyd's Neck, Long Island Sound, U.S.A. | Stranded. Owner..... | .... | " | 3,500 |
| May 28 1903. | Nellie Gray..... (31,512) | 25 | St. John, N.B. | Schr., wood, sail. | 63 | St. Martins, N.B., to St. John, N.B. | Goose Creek, St. John, N.B. | Vessel sprang a leak and filled. Master. | ... | " | 1,000 |
| Dec. 8 | Oscar..... (103,908) | 6 | Victoria, B.C. | Sloop, wood, steam. | 95 | Victoria, B.C., Seattle, Wash., Victoria, B.C. | Macaulay Pt., Victoria, B.C. | Stranded in fog. Master C. Thorngren. | .... | Part. | 200 |
| May 9 | Olympia..... (111,729) | 2 | Lunenburg, N.S. | Schr., wood, sail. | 99 | Lunenburg, Canso to Banks fishing. | Sable Island, N. Atlantic. | Stranded. John Werthemer, master. | ... | Total. | 6,000 |
| Jan. 11 | Ovando.... .. (94,641) | 15 | " " .. | Schr., wood, sail. | 88 | Bay of Islands, Nfld., to Halifax, N.S. | Placentia Bay Nfld., N. Atlantic. | Stranded. John Renout, master. | .... | Total. | 3,400 |
| April 23 | Orphens..... | 13 | American..... | Schr., wood, sail. | 74 | Gloucester, Mass., Liverpool, N.S., to Fishing ground. | North Sydney Harbour, C.B. | Sunk by Ice..... . | .... | Partial. | 1,000 |
| Aug. 20 1903. | Otis Miller..... (103,268) | 8 | St. John, N.B. | Schr., wood, sail. | 98 | New York, to St. John, N.B. | 15 miles S. E. Isle of Holt, Me., U.S.A. | Lost mast, sails and rigging in gale. Master M. C. Miller. | .. | Partial. | 1,700 |
| July 29 | Pomeranian.... (85,193) | 21 | Glasgow, G.B. | Schr., iron, steam. | 2,700 | Glasgow, Montreal, to Glasgow. | In Montreal Harbour.. | Stranded. Engines moved astern by mistake. Master Wm. White. | | | |
| June 4 1904. | Proctector..... | 13 | Norwegian.... | Schr., steel, steam. | 1,678 | Boston, Chicoutimi, to Cardiff. | Saguenay River, St. Lawrence. | Stranded. Master O. Mathieson. | ... | Total. | |
| March 9 | Penelope ..... (72,783) | 2 | Victoria, B.C. | Schr., wood, sail. | 70 | Victoria, B. C., Hisquinish. | Callam Bay, Straits of Juan de Fuca, U.S.A. | Stranded. Master .... | .... | Total. | 6,000 |

STATEMENT of Wrecks and Casualties reported as having occurred to British, Canadian and Foreign Sea-going Vessels in Canadian Waters, &c.—*Continued.*

| Date of Casualty. | Name of Ship. | Age of Ship. | Port of Registry. | How Rigged. — Iron or Wood. — Steam or Sail. | Register Tonnage. | Port Sailed from. — Port Bound to. | Place Where Casualty. happened. | Cause and Nature of Casualty. | Lives Lost. | Remarks. | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1903. | | Y'rs | | | | | | | | | $ |
| Oct. 12 | Prudent..... (94,741) | 15 | St. John, N.B. | Schr., wood, sail. | 124 | Parrsboro, N. S., to Vineyard Haven for orders. | St. Martin's Harbour, N.B., Bay of Fundy. | Stranded in heavy weather. Master A. Read. | .... | Total. | 700 |
| 1904. | | | | | | | | | | | |
| June 14 | Packet.. ..... (100,515) | 12 | Parrsboro, N.S | Schr., wood, sail. | 49 | St. John, N. B., to Bridgetown, N.S. | S. W. end of Partridge Island, St. John, N.B. | Stranding. Master..... | .... | Partial. | 300 |
| 1903. | | | | | | | | | | | |
| July 29 | Queen..... (103,956) | 6 | Montreal, Que. | none, wood, steam. | 192 | Lying at Marble Cove, St. John, N.B., for repairs. | S. W. end of Partridge Island, St. John, N.B. | Burned. Owner D. J. Thorne. | .... | Total. | 15,000 |
| Aug. 23 | Queen of the Fleet. (69,187) | 29 | Lunenburg, N.S. | Schr., wood, sail. | 46 | Jeddore, N. S., Shippegan, N.B., to Halifax, N.S. | 23 miles N. and W. from North Cape, P.E.I. | Floundered in heavy weather. Master T.A. Mackell. | .... | Total. | 2,300 |
| June 22 | Ressie..... (100,344) | 2 | Maitland, N.S. | Bktn., wood, sail. | 561 | Annapolis, Rosario to Boston. | Tuside, Cape Cod..... | Lost sails and masts. Master E. W. Spicer. | | | |
| 1902. | | | | | | | | | | | |
| Dec. 10 | River Belle..... (92,582) | 15 | Gaspé, Que.... | Schr., wood, sail. | 82 | Paspebiac to Gaspé.... | Gulf of St. Lawrence.. | Stranded. Master R. Chicoine. | .... | Total. | 1,200 |
| 1903. | | | | | | | | | | | |
| July 19 | Romeo.. ..... (100,073) | 12 | St. John, N.B. | Schr., wood, sail. | 111 | St. John to New York.. | 15 miles S. W. from Mount Desert, Me. | Lost deck load. Owner P. McIntyre. | .... | Partial. | 290 |
| Aug. 27 | R. L. Kenney... (111,518) | 20 | " " .. | Schr., wood, sail. | 74 | St. John to Moncton.. | Texes ledges, Dorchester, N.B. | Stranded. Master E. Riddle. | .... | Total. | 7,500 |
| Oct. 27 | Rainbow.. ..... (88,370) | 19 | Victoria, B.C. | Schr., wood, sail. | 77 | Victoria, B.C. ..... | Anderson Reef, B.C... | Stranded in fog. Master D. Jacobsen. | .... | Part. | 1,500 |
| Sept. 27 | Reporter..... (85,588) | 20 | St. John, N.B. | Schr., wood, sail. | 122 | St. John, N.B., to New York. | Near Crass Rip Lt., Vineyard Haven, N. Atlantic. | Lost sails, chains and anchor in squall. Master R. D. Gilchrist. | .... | Part. | 400 |
| Aug. 18 | Russ..... | 6 | Denmark..... | Schr., steel, steam. | 1,577 | Pugwash, N.S., to Garston, Eng. | Straits of Belle Isle, Gulf of St. Lawrence. | Struck a rock. R. Rasmusson, capt. | .... | Serious. | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| May 10 1904. | Resena (100,280) | 10 | Windsor, N.S. | Bktn., wood, sail. | 321 | Wilmington, N.C., U.S.A., to Kingston, Jamaica. | Long Island, Georgia, U.S.A. | Sprung a leak. Master.. | .... | Part. 3,500 |
| May 24 1903. | Rosemary (90,262) | 17 | Charlottetown, P.E.I. | Schr., wood, sail. | 94 | Sydney, N.S., Summerside, P.E.I., to Sydney, N.S. | Cape George 3 miles off, Bras d'Or Lakes. | Stranded. Owner | ... | Total. 2,500 |
| June 20 | Strathern (100,337) | 10 | Maitland, N.S | Bktn., wood, sail. | 1,272 | New York, Singapore to Boston. | Off Nantuckett, U.S.A | Split sails. Master A.W. Flemming. | | |
| May 29 | Strathisla (90,477) | 13 | " " | Barque, wood, sail. | 1,280 | Boston, U.S.A., Buenos Ayres, to E. London. | 31° 27′ S., 20° 26′ W., S. Atlantic. | Lost deck fittings in heavy gale. Master K. McNulty. | | |
| July 19 | Sardhana (87,421) | 18 | Glasgow, G.B. | Bktn., iron, sail. | 1,119 | Baltimore, U.S.A., to Quebec. | Point des Monts, River St. Lawrence. | Stranded. Master A. Gibson. | .... | Partial. |
| Nov. 21 | Silver Stream (74,096) | 26 | Halifax, N.S. | Schr., wood, sail. | 35 | Halifax, to Port Mouton. | Port Mouton, N.S. | Grounded. Master P.F. Smith. | .... | Part. 600<br>Cargo. 450 |
| Sept. 16 | Silver Wave (100,062) | 12 | St. John, N.B. | Schr., wood, sail. | 99 | St. Martins, N.B., to New York, U.S.A. | Gravesend Bay, Brooklyn, N.Y., U.S.A. | Run down and stranded. Master J. McLean. | .... | Part. 500 |
| Oct. 9 | Sissie Lake (66,844) | 29 | Halifax. N.S. | Schr., wood, sail. | 26 | Pictou, N.S., Charlottetown, to Murray River. | Strait of Northumberland. | Stranded in thick weather. Master A. McDonald. | .... | Total. |
| Nov. 12 | Still Water (79,998) | 24 | St. John, N.B. | Bktn., wood, sail. | 1,052 | Lying in St. John Harbour. | ..... | Run down by SS. Dominion. | ... | Part. 800 |
| Dec. 11 | Springfield (85,593) | 21 | " " | Wood, Steam. | 147 | At her wharf at Indiantown, N.B. | ..... | Hurricane drove vessel against wharf staving in her hull. | .... | Part. 200 |
| Feb. 12 | Surprise (85,625) | 20 | Parrsboro, N.S | Schr., wood, sail. | | Harbourville, U.S.A., to White Head, N.B. | Sunken Head, White Head Cove., N.B. | Stranded. Owner | .... | Total. 400 |
| Feb. 15 | St. Olaf (116,321) | 1 | Parrsboro, N.S. | Schr., wood, sail. | 277 | Jordan River, to New York, U.S.A. | 20 miles east of Thatchers Isld, U.S.A. | Lost sails in gale. The owner. | .... | Partial, 1,100 |
| " 14 1903. | Scotia Queen (112,328) | 1 | " | " | 108 | River Herbert to New York. | Eel Point Shoal, Long Island Sd., U.S.A. | Stranded. Master | .... | Part, 800 |
| Nov. 28 | Sadie (90,868) | 17 | Charlottetown P.E.I. | " | 79 | Gaspé, Port Daniel to Charlottetown. | ..... | Stranding. Master and owners. | .... | Total, 1,700 |
| April 10 | Therese (94,635) | 15 | Yarmouth, N.S. | " | 148 | D'Ecousse, N.S., Paspebiac, Q. to Boston, U.S.A. | From Paspebiac, Boston. | Lost part of deckload. Master A. Pertus. | .... | |
| Aug. 18 | Turret Bell (104,263) | | Newcastle, G.B. | Schr., steel, steam. | 2375 | Blyth to Quebec | Louise Basin, Quebec. | Touched bottom coming out. Master J. Marcusin. | .... | |
| ..... | Treasurer (85,628) | 20 | Parrsboro, N.S. | Ship, wood, sail. | 1329 | Boston to Buenos Ayres | Ortis Bank off Point India Rio Plate. | Stranded. Master W. W. Morris. | .... | |
| ..... 1904. | Transvaal | 1 | Digby, N.S. | Schr., wood, sail. | ..... | Port Lorne to Bridgetown. | 10 miles from Digby, N.S. | Capsized | .... | |
| May 13 | Triumph (64,927) | 31 | Halifax, N.S. | " | 38 | Halifax, N.S. to Port Medway, N.S. | Voglers Cove, N.S. | Stranded. Master | .... | Total, 300 |

**Statement** of Wrecks and Casualties reported as having occurred to British, Canadian and Foreign Sea-going Vessels in Canadian Waters, &c.—*Concluded.*

| Date of Casualty. | Name of Ship. | Age of Ship. | Port of Registry. | How Rigged. — Iron or Wood. — Steam or Sail. | Register Tonnage. | Port sailed from. — Port bound to. | Place where Casualty happened. | Cause and Nature of Casualty. | Lives lost. | Remarks. | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1904. | | Yrs | | | | | | | | | $ |
| Feb. 13 | Tees..... (95,929) | 11 | Victoria, B.C. | Schr., iron, sail | 441 | Trial Island, B.C..... | Victoria, B. C., Port Simpson. | Stranded W. D. Hughes, master. | .... | Partial. | |
| 1903. | | | | | | | | | | | |
| Oct. 16 | Urbain B..... (83,436) | 16 | Parrsboro, N. S. | Schr., wood, sail. | 98 | Yarmouth to Parrsboro | Cape Forchu Lt., Yarmouth, N.S. | Stranded..... | .... | Part, | 125 |
| Nov. 27 | Urbain B..... (83,436) | 16 | " | " | 98 | Parrsboro, N. S. to Yarmouth, N.S. | Off Cape Spencer, Bay of Fundy. | Damaged and strained in gale and while discharging at wharf. | .... | | 900 |
| June 12 | V. T. H..... (90,669) | 15 | Digby, N.S... | " | 149 | Bear River to Boston, Mass. | Sea Point, Me., U.S.A. | Stranded. Master D. H. Delap. | ... | Total, | 3,575 |
| Sept. 17 | Vere B. Roberts (103,736) | 5 | Parrsboro, N. S. | " | 124 | New York, U.S.A., to Windsor, N.S. | Off Grand Manan, Bay of Fundy, N.S. | Damaged in storm. Master V. B. Roberts. | .... | Partial, | 300 |
| June 16 | Victor..... (80,058) | 22 | St. John, N.B. | " | 110 | New York, U.S.A., to Yarmouth, N.S. | Vineyard Haven, Mass. | Stranded. Master R. McHenry. | .... | Total, | 1,500 |
| Sept. 11 | Victor.. ..... (80,058) | 22 | " | " | 110 | New Haven, Conn., to St. John, N.B. | Long Island near Mt. Desert, Me., U.S.A. | Stranded. Master R. McHenry. | ... | " | 5,000 |
| " 5 | Victory..... (100,052) | 13 | " | " | 124 | Dorchester, N. B., to Boston, Mass. | Hopewell Cape, N.B., Bay of Fundy. | Burned. Master A. G. Bishop. | ... | " | 3,500 |
| " 9 | Venture ..... (111,796) | 2 | Victoria, B.C. | " | ..... | Vancouver, Skagway to Vancouver. | Grenville Channel, B.C. | ..... | .... | Cargo, Part, | 1,848 500 |
| 1904. | | | | | | | | | | | |
| Jan. 3 | Vere B. Roberts (103,736) | 6 | Parrsboro, N. S. | " | 124 | Canning, N.S., to Havana, Cuba. | Parrsboro River, N.S., Minas Basin. | Stranding. Master..... | .... | " | 1,800 |
| April 20 | Viola..... (97,186) | 13 | Windsor, N.S. | " | 124 | St. John, N. B., to Vineyard Haven, U. S.A. | Burnt Cove Harbour, Maine, U.S.A. | " " | .... | Partial, | 1,200 |
| 1903. | | | | | | | | | | | |
| July 9 | Wrasse..... (90,897) | 14 | Yarmouth, N. S. | " | 56 | Antigonish, Pictou, N. S., to New Richmond, Que. | 1½ miles N.E. Shippegan Gulley, N.B., Gulf of St. Lawrence. | " Master J. Decost. | .... | " | 1,500 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| June 21 | Warrior (61,583) | 28 | Halifax, N.S. | " | 93 | St. John, N.B., to New York. | 100 miles east of Cape Cod, N. Atlantic. | Lost part of deckload in gale. | .... | |
| ..... | Wahcoudale (102,577) | ½ | Glasgow, G.B. | — iron, steam. | 996 | Montreal, Que., to Fort William, Ont. | Lachine Canal, Que... | Bottom pierced by projecting rock. Manager. | .... | Ship, £100<br>Cargo, £1,000 |
| Nov. 28 | Wanita (100,019) | 6 | Windsor, N.S. | Schr., wood, sail. | 42 | St. John, N. B., to Walton, N.S. | Cape Chignecto, Bay of Fundy. | Stranded.. ..... | .... | Part, 400 |
| Oct. 30 | Welliman Hall (100,018) | 11 | Parrsboro, N. S. | " | 136 | Hawkport, N. S., to New York, U.S.A. | Off Hawkport, N.S., Minas Basin. | Burned. Master S. Knowlton. | .... | Total, 4,000 |
| " 27 | Wempe Bros.... | 2 | San Francisco, Cal. | " | 605 | ..... ..... | Bonilla Point, Vancouver, B.C. | Stranded during a gale.. | .... | Total. |
| 1904. | | | | | | | | | | |
| Nov. 21 | Wandrian (85,617) | 20 | Parrsboro, N. S. | " | 311 | Walton, N.S., to New York. | Off Cape Cod, Mass., U.S.A. | Lost sails in heavy weather. | .... | |
| 1903. | | | | | | | | | | |
| Nov. 28 | Wanita..... | .... | Windsor, N.S. | " | 42 | St. John to Windsor.. | Cape Chignecto, Advocate Bay. | Stranded. Master..... | .... | 500 |
| 1904. | | | | | | | | | | |
| April 14 | Wandrian (85,617) | 21 | Parrsboro, N. S. | " | 311 | St. John, N. B., to Wallace, N.S. | Partridge Island, St. John, N.B. | Mistayed and stranded. St. John Agents. | .... | 500<br>Part, 3,000 |

# APPENDIX No. 46

## REPORT OF THE CHAIRMAN OF THE BOARD OF STEAMBOAT INSPECTION.

CHAIRMAN'S OFFICE,
OTTAWA, November, 1903.

To the Deputy
Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour to submit the annual report of the working of the Steamboat Inspection Service for the fiscal year ending June 30, 1904.

It represents the general work of the service during the period mentioned, giving the number of steamboats inspected in the several divisions and their gross tonnage, with the amount of dues collected, as shown by the inspectors on account of inspection, with a statement of the board meetings held.

The steamboats inspected, their tonnage, &c., the fees received for engineers', examinations with the names of candidates and the grade of certificate issued, also the penalties enforced for violations of the Steamboat Inspection Act; the casualties occurring as reported from the several divisions, with the reports as to the number of vessels added thereto, will be found in this supplement

In addition to the steamboats inspected at the port of Montreal, the ship's tackle and hoisting gear used for the purpose of loading and unloading those vessels to the number of 427, were also inspected by the steamboat inspectors of that port.

During the year owing to the increase of work there has been added to the staff two additional boiler and machinery inspectors, one for the port of Sorel, province of Quebec, and one for the West Ontario Division, to have office located at Collingwood, Ont. A new appointment has also been made to fill the position of boiler and machinery inspector at St. John, N.B., rendered vacant owing to the demise of previous incumbent as mentioned in former report.

NUMBER of steam vessels reported as shown by the inspectors of steamboats in the Dominion, and their gross tonnage, for the year ended June, 1904; also the number of vessels inspected but not registered in the Dominion for the same date.

| DIVISION. | Number of Dominion registered steamers. | Gross tonnage of Dominion registered steamers. | Number of steamers inspected but not registered in the Dominion. | Gross tonnage of steamers inspected but not registered in the Dominion. |
|---|---|---|---|---|
| West Ontario | 478 | 100,525·00 | 36 | 20,907·00 |
| Kingston | 173 | 23,390·31 | 30 | 2,501·91 |
| Montreal | 293 | 22,766·00 | 2 | 2,671·00 |
| Sorel | 77 | 20,667·66 | 2 | 1,853·08 |
| Quebec | 82 | 15,422·00 | 2 | 1,351·00 |
| Nova Scotia | 144 | 22,321·51 | 22 | 29,322·11 |
| New Brunswick and Prince Edward Island | 135 | 15,815·85 | 9 | 11,727·26 |
| British Columbia and Yukon Territory | 267 | 65,939·43 | 24 | 29,946·27 |
| Manitoba and North-west Territories | 132 | 8,215·06 | 4 | 1,197·73 |
| Total | 1,691 | 295,062·82 | 131 | 101,477·36 |

NUMBER of Dominion registered steam vessels inspected and their gross tonnage, with the amount of fees collected on account of steamboat inspection, during the year ended June 30, 1904.

| Division. | Number of Dominion registered steamers inspected. | Gross tonnage of Dominion registered steamers inspected. | Amount of fees collected on account of steamboat inspection. |
|---|---|---|---|
| | | | $ cts |
| West Ontario | 391 | 97,266·00 | 1,983 43 |
| Kingston | 166 | 22,953·42 | 211 68 |
| Montreal | 170 | 21,382·00 | 226 68 |
| Sorel | 68 | 20,415·30 | |
| Quebec | 93 | 17,900·00 | 79 68 |
| Nova Scotia | 137 | 25,527·56 | 2,577 76 |
| New Brunswick and Prince Edward Island | 125 | 15,532·73 | 985 08 |
| British Columbia and Yukon Territory | 246 | 59,311·09 | 2,517 20 |
| Manitoba and North-west Territories | 91 | 7,165·91 | 95 76 |
| Inspection of tow barges | | | 30 00 |
| Engineers' certificates | | | 1,079 50 |
| Total | 1,487 | 287,454·01 | 9.786 77 |

BOARD MEETINGS.

November 18, 1903.—A meeting of a quorum of the Board of Boiler and Machinery Inspectors, composed of Joseph Samson, of Quebec, J. P. Esdaile, of Halifax, and E. Adams, chairman, was convened at St. John, N.B., for the purpose of examining candidates for the position of boiler and machinery inspector for that district, necessitated by the demise of former incumbent. The result of which, Mr. C. E. Dalton, of St. John, was appointed to fill the vacancy.

Consideration was also given to the question of revising the qualification as required for firemen's service in order to obtain a 4th class engineer's certificate, and was recommended that the thirty nominal horse power as required be reduced to sixteen, and also that service on steamboats having an engine of not less capacity than eighteen thousand inches of cylinder volume be also included, which was recommended.

The matter of certificating vessels propelled by power derived from naphtha, gasoline or similar fuel for the purpose of the carriage of passengers was taken into consideration, which was not favourably considered under the existing conditions.

Toronto, December 15, 1903.—A meeting of the board was convened, composed of J. Dodds, E. W. McKean, W. Evans, of Toronto, and E. Adams, chairman, for the purpose of examining a vessel propelled by power derived by gasoline, requiring to be certificated for the purpose of carrying passengers for hire, which under the conditions the board did not consider it in the interest of public safety to so do. The matter as to the safety of certificating boats driven by power derived by such means was fully considered, when it was decided that under stipulations as provided they might be certificated, and deferred the matter for further inquiry and consideration.

Toronto, January 22, 1904.—A meeting of a quorum of the board was convened, composed of J. Dodds and E. W. McKean, Toronto; J. P. Thompson, of Kingston; W. Laurie, of Montreal, and E. Adams, chairman. An examination of candidates for the office of boiler and machinery inspector was held, resulting in the appointment of Mr. J. B. Stewart to the office for West Ontario Division and Mr. Alexis Rondeau to the office for Sorel Division, province of Quebec.

The question of certificating boats driven by power derived from gasoline, naphtha or such material was again considered, and the results of former meetings submitted for consideration, which was closely discussed by the members present, when it was unanimously decided to recommend the conditions to be exacted before certificating

such vessels, and that provision be provided for giving effect to same, which has been carried out and provided for whereby such boats may be certificated for the purpose of carrying passengers for hire.

The revising of the qualifications for firemen's service in order to obtain 4th class engineers' certificates as approved by the board at St. John, N.B., was also considered and recommended to be approved.

PROSECUTIONS WITH PENALTIES ENFORCED FOR VIOLATION OF THE STEAMBOAT INSPECTION ACT.

July 13, 1903.—The collector of customs at St. Stephens, N.B., seized the schooner *Hustler* for carrying an excursion in tow of a tug boat without being certificated and equipped as required by the Steamboat Inspection law; and exacted a penalty of $100, of which owing to representations and extenuating circumstances as set forth to the Honourable the Minister of Marine and Fisheries, $75 of the penalty was remitted to the owners and the balance retained to defray the expenses incurred in connection therewith.

July 15, 1903.—Complaint was made to the department that the tug *Sparrow* had in tow a scow having an excursion on board at Callander, Ont., and not being equipped or certificated for that purpose. The case was submitted to the Department of Justice to take legal proceedings against the owner of the vessel for violation of the law, and was tried before a stipendiary magistrate at North Bay, Ont., when a fine of $50 was imposed, and in which from the nature of the case, the magistrate stated that had he any discretionary power the fine would not have been imposed, and that he would be glad to recommend remission of penalty; which was submitted with the extenuating circumstances for the consideration of the Honourable the Minister of Marine and Fisheries, who under the conditions remitted the penalty, the owners paying the legal expenses $12.60 incurred by the department, which was complied with.

CASUALTIES.

The following are the casualties reported from the several districts as having occurred during the fiscal year ending June 30, 1904.

*West Ontario Division.*

On July 12, 1903, the steamer *White Star*, of Montreal, while lying at her wharf at Toronto, took fire and was damaged to such an extent as to require a thorough rebuild; the cause of fire is unknown. The steamer has been taken to Montreal to receive the necessary repairs.

On August 18, 1903, the steamer *Hiram R. Dixon*, of Owen Sound, was totally destroyed by fire at Michipicoten island; cause of fire is unknown.

On August 19, 1903, the steamer *Britannic*, of Montreal, while en route between Parry Sound and Collingwood, the walking beam of the engine broke, destroying the cylinder and condenser; the steamer was towed to Collingwood and the engine repaired.

On August 22, 1903, when the steamer *Erin*, of St. Catharines, (loaded with railroad iron) was on her way up from Montreal, she collided with the canal pier at Farren's Point and sank; the steamer was raised and taken to Kingston, where the necessary repairs were made.

On August 30 1903, the steamer *Pittsburg*, of Toronto, while lying at her quarters for the winter at Sandwich, took fire and was totally destroyed. The cause of fire is unknown.

On September 10, 1903, the tug *Reliance*, of Owen Sound, while in the vicinity of John's island, near Spanish river, took fire and was partially destroyed; the steamer was taken to Midland and thoroughly repaired; cause of fire is unknown.

On October 25, 1903, the steamer *Advance*, of Toronto, while being unloaded at Sault Ste. Marie, Ont., was partially destroyed by fire. The steamer is now at Kingston *being repaired*. Cause of fire is unknown.

On November 10, 1903, the steamer *Atlantic*, of Collingwood, was totally destroyed by fire at Red rock, near Parry Sound. The steamer had encountered very rough weather while coming from Collingwood, and was leaking to such an extent that the water rose in the hold, coming in contact with unslacked lime (part of the cargo), which was stowed in the bottom of the hold, causing the ignition of the rest of the cargo.

On November 11, 1903, the steamer *Oriole*, of Toronto, was totally destroyed by fire at the mouth of the Wye river, near Midland. Cause of fire is unknown.

On November 17, 1903, while the steamer *Erin*, of St. Catharines (having in tow the schooner *Danford*), was on her way down Lake Superior, one of the eccentric rods broke, disabling the engine. A heavy sea was running at the time, and the tow-line parted, when the vessels separated. The *Erin* encountered severe weather for several days, and grave fears were entertained for her safety. She was finally located in the vicinity of Gargantua by the tug *C. E. Ainsworth*, and towed to Sault Ste. Marie, Michigan, where the necessary repairs were made to the engine. The schooner *Danforth* had previously arrived at Sault Ste. Marie.

On November 21, 1903, the steamer *Gem*, of Toronto, was partially destroyed by fire at Huntsville. The steamer has been rebuilt.

On June 19, 1904, the steamer *Joe Milton*, of Port Stanley, in a dense fog, ran aground near Papoose island, Georgian bay. Immediately after stranding she caught fire and was totally destroyed. The fire is supposed to have been caused by the upsetting of a lamp, which occurred by the shock of the steamer going aground.

### *East Ontario Division.*

On July 5, 1904, the paddle passenger steamer *Alexandria*, of Picton, Ont., when on a trip between Montreal and Sorel, broke her piston rod, which resulted in the breaking of the cylinder, condenser and steam chest. No loss of life occurred. The steamer was towed into Sorel for repairs.

### *Montreal Division.*

On October 26, 1904, ss. *Advance*, while lying at the wharf at Sault Ste. Marie, the cargo under the main deck took fire. The crew made every effort to extinguish it, but finding it impossible to do so, the ship was towed over to the American side and they sank her in twenty feet of water. She was afterwards pumped out and raised.

On June 16, 1904, steamer *Valleyfield*, while fitting out in the canal at Valleyfield, took fire and was partially burnt. Cause of fire unknown. She has since been repaired.

### *Quebec and Sorel Division.*

On August 12, 1903, screw tug *Mersey*, of Quebec, while in commission sprung a leak and sank at Pointe aux Outardes, by which five of the crew lost their lives.

On August 19, 1903, the paddle steamer *Carolina* ran ashore at Passe Pierre, owing to a dense fog. She was subsequently floated and brought to Sorel, repaired and put into seaworthy condition. There was no loss of life.

On June 12, 1904, the paddle steamer *Canada*, on her trip from Quebec to Montreal, when near Sorel, collided with steamer *Cape Breton* and sunk in thirty feet of water, causing the death of four passengers and one of the crew. An endeavour is being made to again float her.

### *New Brunswick and Prince Edward Island Division.*

On September 19, 1903, the paddle steamer *David Weston*, of St. John, N.B., plying between St. John and Fredericton, caught fire on the down trip, was beached in a few minutes and all the people were saved with the exception of three passengers who leaped overboard and were drowned. Vessel a total loss.

April 26, 1904, ss. *Elliot*, of Charlottetown, when proceeding on a sealing voyage in the Gulf of St. Lawrence, got caught between two ice fields, so that the outer stern post and rudder were carried away, the tail shaft bent and propeller broken, and

drifting around got beached in Atlantic cove, where she was condemned, as she was leaking so badly it was impossible to keep her free. No lives were lost.

June 20, 1904, screw tug *Carrie Knight*, while lying at the wharf undergoing repairs caught on fire and was totally destroyed; cause of fire unknown. No fatalities.

*Nova Scotia Division.*

November 2, 1903, screw tug *Henry Hoover*, of Halifax, owing to a collision was sunk in Halifax harbour. No lives lost.

March 29, 1904, ss. *Louisburg*, of Montreal, grounded at Louisburg, N.S., and sustained damage which caused her to sink, she was subsequently floated and brought to Halifax, where she was repaired and put in seaworthy condition.

June 12, 1904, ss. *Cape Breton*, of Montreal, collided with the paddle steamer *Canada* in the St. Lawrence river, the latter steamer was sunk and five lives lost thereby. The *Cape Breton* was brought to Sydney, repaired and put in a seaworthy condition.

*Manitoba and North-west Territories.*

August 29, 1903, steamer *Keewatin*, of Winnipeg, while moored at the dock at Keewatin, caught on fire and was totally destroyed. Cause of fire unknown.

September 4, 1903, steam yacht *Grace B*, while lying in the boat house at Rat Portage was destroyed by fire with boat house.

April 28, 1904, stern paddle steamer *Gertie H*, while on a trip down the Red river at Winnipeg, ran against a partly opened draw of C.P.R. Bridge, tearing off her upper house, caught on fire and was totally destroyed.

*British Columbia and Yukon Territory.*

August 24, 1903, ss. *Pilot*, of Victoria, B.C., 279 tons gross tonnage, on a voyage from Juneau, Alaska, off Cape Fanshaw, broke her crank shaft; temporary repairs were made at Juneau, when she proceeded to Victoria, where a new shaft was made and fitted.

December 15, 1903, ss. *Amur*, of Victoria, B.C., 907 tons gross tonnage, on voyage from Alaska to Victoria, stranded on Eastern edge of Harbour reef, Port Simpson, during a fog, breaking the tail shaft; she was hauled off to wharf and a new shaft fitted; afterwards proceeded to Victoria where hauled out on marine slip; damage eighteen plates renewed on bottom and bilge.

February 13, 1904, ss. *Tees*, of Victoria, 679 tons gross tonnage, on a voyage from Northern B.C. ports to Victoria, stranded on eastern side of Trial island, was floated off on following day and brought to Victoria where hauled out on Marine ways; damage to twenty-nine plates, twenty-four of which were renewed.

February 15, 1904, ss. *Halys*, of New Westminister, B.C., 44 tons gross tonnage, whilst lying at Pilot bay, B.C., caught on fire, no one was on board at the time. A total loss.

March 25, 1904, ss. *Mermaid*, of Vancouver, 129 tons gross tonnage, while running at full speed in Jervis inlet, struck on rocks aud stove in her bows, when she flooded and sunk in deep water. A total loss; no lives lost.

October 18, 1903, freight steamer *Champion*, of Vancouver B.C., 100 tons gross tonnage, was destroyed by fire in Ladysmith harbour; the fire was caused by water getting into her cargo of lime.

June 20, 1904, screw tug *Lois*, of Vancouver, B.C., 25 tons gross tonnage, was totally wrecked by running on to a rock in Howe Sound, B.C. No loss of life.

I am, sir, your obedient servant,

EDWARD ADAMS,
*Chairman, Board of Steamboat Inspection.*

## STEAM Vessels Inspected for the Year ended June 30, 1904.

### WEST ONTARIO DIVISION.

BOILERS AND MACHINERY.

| Name of Vessel. | Number of Passengers Allowed. | Date Certificate Expires. | Gross Tons. | Tonnage Dues and Inspection Fees Paid. | Class of Vessel and where employed. |
|---|---|---|---|---|---|
| | | 1904. | | $ cts. | |
| City of New York | Freight | Not issued | 292 | | Screw, Lakes. |
| Winslow | Tug | " | 353 | | " " |
| International | Car ferry | July 6 | 851 | 76 08 | T. " Sarnia and Port Huron. |
| Manistigue | Tug | Not issued | 474 | | " Lakes. |
| Geo. W. Guyler | " | " | 56 | | " " |
| Helen S | 16 | July 20 | 86 | | " Algoma and French river. |
| St. George | Tug | " 21 | 21 | | " Toronto and vicinity. |
| John Hanlan | 185 | " 21 | 37 | | " Toronto bay |
| Iris | Yacht | Not issued | 16 | | " Georgian bay. |
| National | Tug | July 23 | 18 | | " Toronto bay. |
| Kaministiquia | 220 | " 28 | 150 | | " Lake Superior. |
| Iroquois | Pass. | Not issued | 240 | | " Gore bay and vicinity. |
| Gordon Jerry | Freight | " | 124 | | " Lake Ontario. |
| Salvor | Tug | " | | | " Lakes. |
| Abino | Fish tug | Aug. 25 | 8 | | " Lake Ontario. |
| Maid of the Mist | 80 | " 25 | 62 | | " Niagara river. |
| Hope | 300 | " 26 | 170 | | " Buffalo and Fort Erie. |
| Augusta | Tug | " 27 | 57 | | " Welland canal. |
| A. D. Cross | " | " 27 | 47 | | " " |
| Mary R | " | " 28 | 44 | | " " |
| Golden City | " | " 28 | 35 | | " " |
| M. R. Mitchell | " | " 28 | 40 | | " " |
| Hector | " | " 29 | 66 | | " " |
| Isobel | Dredge | Not issued | 507 | | " " |
| Chas. E. Armstrong | Tug | Aug. 29 | 49 | | " " |
| Meteor | " | " 31 | 47 | | " " |
| M. A. Bennett | " | " 31 | 34 | | " " |
| Nellie Bly | Fish tug | Sept. 1 | 13 | | " Lake Ontario. |
| Winnie | Tug | " 8 | 14 | | " Lake Huron. |
| J. B. McLeod | Fish tug | Not issued | 25 | | " " |
| A. Chambers | " | Sept. 8 | 23 | | " " |
| Frank G. McAulay | Tug | " 8 | 43 | | " " |
| D. McLeod | Fish tug | Not issued | 36 | | " " |
| John Logie | " | Sept. 9 | 37 | | " " |
| R. H. Dobson | " | " 9 | 44 | | " " |
| Onward | " | " 10 | 22 | | " " |
| Evelyn | " | " 11 | 32 | | " " |
| Sea King | " | " 11 | 26 | | " " |
| Victoria K | " | Not issued | 41 | | " " |
| Huron | Tug | Sept. 12 | 55 | | " " |
| Jno. R. Arnoldi | Dredge | Not issued | 116 | | Bayfield harbour. |
| Tadousac | 10 | Sept. 29 | 2,359 | | " Lakes and rivers. |
| A. M. Petrie | Yacht | Not issued | 20 | | " Lake Huron. |
| F. B. Bradley | Tug | Oct. 7 | 29 | | " Lake Erie. |
| Saida | Fish tug | Not issued | 14 | | " " |
| Eleanor | " | Oct. 8 | 26 | | " " |
| You and I | " | Not issued | 25 | | " " |
| Lena | " | Oct. 8 | 14 | | " " |
| City of Ladysmith | " | " 8 | 35 | | " " |
| Wm. Wilson | " | " 8 | 15 | | " " |
| Maxie | " | " 8 | 16 | | " " |
| W. M. Gorman | " | " 9 | 28 | | " " |
| Belle | " | " 9 | 16 | | " " |
| The Belle | " | " 9 | 31 | | " " |
| Zara | Yacht | " 10 | 35 | | " " |
| Swan | Fish tug | " 12 | 14 | | " " |
| Jubilee | " | " 11 | 10 | | " " |
| May B | " | " 11 | 10 | | " " |
| Enterprise | " | " 13 | 18 | | " " |
| Gordon Brown | " | " 13 | 33 | | " " |

## Steam Vessels Inspected for the Year ended June 30, 1904—*Continued.*

### WEST ONTARIO DIVISION.

BOILERS AND MACHINERY.

| Name of Vessel. | Number of Passengers Allowed. | Date Certificate Expires. | Gross Tons. | Tonnage Dues and Inspection Fees Paid. | Class of Vessel and where employed. |
|---|---|---|---|---|---|
| | | 1904. | | $ cts. | |
| J. E. Mills | Freight | Not issued | 149 | | Screw, Sarnia and vicinity. |
| Alert | Tug | Oct. 29 | 47 | | " Welland canal. |
| Escort | " | " 29 | 40 | | " " |
| Commodore Jarvis | Freight | Nov. 2 | 287 | | T. " Lake Ontario. |
| Great Western | 200 | Sept. 23 | 1,080 | 94 40 | Paddle, Windsor and Detroit. |
| Huron | 245 | " 23 | 1,052 | 92 16 | Twin screw, Windsor and Detroit. |
| Scotia | Tug | Nov. 5 | 13 | | Screw, Detroit river. |
| Minnie F. Parsons | " | not issued. | 46 | | " " |
| Thistle | Fish tug | Nov. 6 | 35 | | " Lake Erie. |
| City of Dresden | Pass | not issued. | 194 | | " " |
| Vick | Tug | Nov. 9 | 12 | | " Chatham and vicinity. |
| D. W. Crow | " | not issued. | 27 | | " " |
| Emma | " | Nov. 9 | 6 | | " " |
| Thames | Freight | not issued. | | | Paddle, " |
| T. J. Collop | " | Nov. 11 | 63 | | Screw, Wallaceburg and vicinity. |
| Maude | Tug | not issued. | 19 | | " " |
| Willie Seagil | " | Nov. 12 | 22 | | " " |
| Comfort | 40 | " 12 | 14 | | " Sombra and Mamie City. |
| Eagle | 40 | " 13 | 12 | | " Point Edward and vicinity. |
| Sylvester Kneeland | Tug | " 14 | 46 | | " Toronto bay. |
| | | 1905. | | | |
| Macassa | 616 | Mch. 22 | 459 | | Twin screw, Hamilton and Toronto. |
| Ontario | 500 | " 22 | 1,615 | | Paddle, Windsor and Detroit. |
| Arctic | Freight | " 30 | 101 | | Screw, Lake Ontario. |
| City of Dresden | 100 | Apl. 18 | 194 | | " " Erie. |
| W. H. Stone | Fish tug | " 18 | 35 | | " " " |
| Lakeside | 524 | " 21 | 348 | | " " Ontario. |
| Corsican | 370 | " 21 | 946 | | Paddle, Montreal and Hamilton. |
| Modjeska | 801 | May 15 | 678 | | Twin screw, Toronto and Hamilton. |
| Norseman | Freight | " 24 | 620 | | Screw, lakes and rivers. |
| Tranquillo | Yacht | not issued. | 39 | | " " |
| Hope | 300 | May 30 | 170 | | " Buffalo and Fort Erie. |
| D. A. Gordon | 420 | " 31 | 148 | | " Lake Superior. |
| Clark Bros. | 200 | June 6 | 92 | | " Toronto and vicinity. |
| Pappoose | 168 | " 7 | 57 | | " Detroit river. |
| Lincoln | 500 | " 7 | 337 | | " Sarnia and Lake Erie ports. |
| Winona | 230 | " 6 | 231 | | " Detroit river. |
| Margretta | Tug | not issued. | 18 | | " " |
| Florence | " | June 8 | 113 | | " lakes and rivers. |
| Home Rule | " | " 8 | 81 | | " " |
| Sunshine | Yacht | " 9 | 66 | | " " |
| Saginaw | Tug | " 9 | 357 | | " " |
| City of Chatham | 627 | " 10 | 341 | | " Chatam and Detroit. |
| City of Owensound | 200 | " 11 | 754 | | Paddle, Toronto and Jordan. |
| Hiawatha | 300 | " 12 | 163 | | Screw, Detroit river. |
| Turbinia | 1,550 | " 22 | 1,064 | | Triple screw, Toronto and Hamilton. |
| Acacia | 200 | " 22 | 107 | | Screw, Hamilton and Burlington. |
| Cruiser | Yacht | " 27 | 55 | | " Lake Ontario. |
| Tom Fawcett | 175 | " 28 | 224 | | Paddle, Kingston and Cape Vincent. |
| Total | | | 19,738 | 262 64 | |

JOHN DODDS,
*Toronto, Ont.*

## Steam Vessels Inspected in Canada but Registered elsewhere, for the year ended June 30, 1904.

### WEST ONTARIO DIVISION.

BOILERS AND MACHINERY.

| Name of Vessel. | Number of Passengers Allowed. | Date Certificate Expires. | Gross Tons. | Tonnage Dues and Inspection Fees Paid. | Class of Vessels and where employed. |
|---|---|---|---|---|---|
| | | 1904. | | $ cts. | |
| City of Grand Rapids.. | 361 | July 15.. | 399 | 39 92 | Screw, Lake Erie. |
| Harley..... | ..... | Not issued | 23 | 6 84 | " Detroit river. |
| Pere Marquette No. 16. | ..... | " . | 1,938 | 163 04 | (3) Screw, Lake Erie. |
| Iroquois ..... | 1,200 | Aug. 26.. | 1,170 | 101 52 | Screw, Lake Erie. |
| Transport ..... | 256 | Sept. 16.. | 1,595 | 135 60 | Paddle, Windsor and Detroit. |
| Transfer ..... | 233 | " 16.. | 1,511 | 128 89 | " " " |
| Michigan Central. ... | 281 | " 18.. | 1,522 | 129 76 | " " " |
| Victoria ..... | 250 | " 18.. | 192 | 23 36 | Screw " " |
| Ariel. ..... | 226 | Nov. 4.. | 202 | 24 16 | " Walkerville and Detroit. |
| Welcome.. ..... | 266 | " 12.. | 213 | 25 04 | " St. Clair and Courtright. |
| Niagara ..... | 100 | " 23.. | 214 | 25 12 | " Buffalo and Fort Erie. |
| Omar D. Conger.. | ..... | Not issued | 196 | ..... | " St. Clair river. |
| Pierre Marguette 14... | ..... | " . | ..... | ..... | Twin screw, Port Huron and Sarnia |
| | | 1905. | | | |
| City of Toledo..... | 1,120 | April 19.. | 1,004 | 80 32 | Paddle, Port Huron and Toledo. |
| Garland ..... | 517 | " 19.. | 248 | 19 84 | Screw, Detroit river. |
| Sappho..... | 550 | " 19.. | 224 | 17 92 | " " |
| Excelsior..... | 250 | " 20.. | 229 | 18 32 | " Windsor and Detroit. |
| Pleasure..... | 1,088 | " 20.. | 490 | 39 20 | " Detroit river. |
| Promise ..... | 1,000 | " 20.. | 473 | 37 84 | " " |
| Tashmoo..... | 1,887 | May 18.. | 1,344 | 107 52 | Paddle " |
| Greyhound ..... | 1,748 | " 18.. | 1,392 | 111 36 | " Toledo and Goderich. |
| Arundell ..... | ..... | Not issued | 339 | 27 12 | Screw, Detroit river. |
| Owana ..... | 1,066 | May 18.. | 747 | 59 76 | Paddle " |
| Mascotte.. ..... | 498 | " 19.. | 162 | 12 96 | Screw " |
| Wyandotte.. ..... | 900 | " 19.. | 320 | 25 60 | " Buffalo and Crystal Beach. |
| Darius Cole..... | 1,075 | " 19.. | 538 | 43 06 | Paddle " " |
| Nellie H... ..... | 40 | " 31. | 25 | 2 00 | Screw, River St. Clair. |
| Columbia..... | 1,500 | June 10.. | 969 | 77 52 | " Detroit river. |
| Hattie..... | 200 | " 10.. | 67 | 5 36 | " " |
| Idlewild..... | ..... | Not issued | 363 | ..... | Paddle " |
| Grace Donner.. ..... | 185 | June 13.. | 66 | 5 28 | Screw, Samico and Port Huron. |
| James Beard..... | 138 | " 13 . | 87 | 6 96 | " " " |
| Michigan (British) .. | 500 | Mar. 23.. | 1,730 | 138 40 | Paddle, Windsor and Detroit. |
| Total. ... ... | ..... | ..... | 19,992 | 1,639 59 | |

JOHN DODDS,

*Steamboat Inspector.*

## Steam Vessels Inspected for the year ended June 30, 1904.

### WEST ONTARIO DIVISION.

BOILERS AND MACHINERY.

| Name of Vessel. | Number of Passengers Allowed. | Date Certificate Expires. | Gross Tons. | Tonnage Dues and Inspection Fees Paid. | Class of Vessel and where employed. |
|---|---|---|---|---|---|
| | | 1904. | | $ cts. | |
| Maple Leaf | | Not issued | | | Screw, pass. Lake of Bays & Couchiching. |
| Enterprise | 305 | July 8 | 148 | | Twin Screw, Lake Simcoe. |
| Bobs | 40 | " 15 | 38 | | Screw, Penetang and Point aux Baril. |
| Ophir | | " 15 | 11 | | " yacht, Parry Sound and vicinity. |
| Hugh S | | " 15 | 24 | | " fishing tug, Georgian bay. |
| Marie | | " 15 | 12 | | " tug, Georgian bay. |
| W. S. Oldfield | | " 16 | 15 | | " " " |
| Dorothe | | " 16 | 8 | | " yacht, Parry Sound and vicinity. |
| Geraldine | 40 | " 16 | 65 | | " Penetang & Pt. aux Baril (Inside). |
| Emma | 250 | " 16 | 146 | | " " " |
| Bertha | | " 16 | 18 | | " yacht, Parry Sound and vicinity. |
| Lady of the Lake | | " 17 | 47 | | " freight, Georgian bay. |
| Lorna Doone | 37 | " 17 | 26 | | " Pt. aux Baril & Moose Pt. (inside). |
| Pilot | | " 17 | 70 | | " tug, Georgian bay. |
| Harold Gauthier | | Not issued | 9 | | " " " |
| Halcro | | July 17 | 8 | | " yacht " |
| James Storey | | Not issued | 49 | | " tug " |
| Snowstorm | | July 18 | 17 | | " " " |
| Edna | 110 | " 18 | 55 | | " Penetang & Pt. aux Baril (inside). |
| Pearl | | " 18 | 6 | | " yacht, Mill Lake. |
| Ottawa | | Not issued | 2,431 | | " freight & pass., Duluth & Prescott. |
| Maniwa | | July 22 | 12 | | " yacht, Muskoka Lakes. |
| Ethel May | | " 22 | 13 | | " tug " |
| Allena May | | " 23 | 16 | | " " " |
| Linnia | | Not issued | 5 | | " " " |
| Willonee | | " | | | " yacht " |
| Devenish | | July 23 | 3 | | " tug " |
| Rosseau | | " 24 | 53 | | " " " |
| Ontario | | " 24 | 11 | | " " " |
| Osso | | " 24 | 6 | | " yacht " |
| Llano | | " 24 | 14 | | " " " |
| Anchora | | " 24 | 6 | | " " " |
| Lady of the Lake | | " 24 | 7 | | " " " |
| Florence Main | 100 | " 26 | 79 | | " " " |
| Wapenas | | " 25 | 5 | | " " " |
| Naiad | | " 25 | 29 | | " " " |
| Theresa | | Not issued | 26 | | " tug " |
| Fidelia | | July 27 | 9 | | " yacht " |
| Southwood | | " 27 | 19 | | " tug " |
| Manda | | Not issued | 12 | | " yacht " |
| Puritan | | July 28 | 6 | | " " " |
| Sky Pilot | | Not issued | 5 | | " " " |
| Iagara | | July 28 | 7 | | " " " |
| Algoma | | " 29 | 5 | | " " " |
| Bella Vista | | Not issued | | | " " " |
| Rulo | | July 29 | 9 | | " " " |
| Edith Ann | | " 29 | 11 | | " " " |
| Oriska | | Not issued | | | " " " |
| Mildred | | " | | | " " " |
| Kacymo | | July 29 | 9 | | " " " |
| Manolia | | " 30 | 6 | | " " " |
| Oriole | 100 | " 30 | 76 | | " " " |
| Hepburn | | " 30 | 15 | | " " " |
| Wapiti | | Aug. 11 | 18 | | " " Sault Ste. Marie and vicinity. |
| Alert | | " 11 | 9 | | " tug " " |
| Albert Wright | 20 | " 12 | 29 | | " Thessalon and Little Current. |
| Canada | | Not issued | 312 | | " pass., Owen Sound and vicinity. |
| Venetta | | Aug. 26 | 31 | | " yacht " " |
| Clara May | | Not issued | | | " fishing tug, Lake Huron. |
| Rambler | | Aug. 26 | 6 | | " " " |
| *Lizzie May* | | " 26 | 18 | | " " " |

## STEAM Vessels Inspected, &c.—West Ontario Division—*Continued.*

BOILERS AND MACHINERY—*Continued.*

| Name of Vessel. | Number of Passengers Allowed. | Date Certificate Expires. | Gross Tons. | Tonnage Dues and Inspection Fees Paid. | Class of Vessel and where employed. |
|---|---|---|---|---|---|
| | | 1904. | | $ cts. | |
| W. H. Siebold | | Not issued | 22 | | Screw, fish tug, Lake Huron. |
| Elite | | Aug. 26 | 22 | | " " " |
| John McKay | | " 27 | 34 | | " " " |
| Minnie A. Clark | | Not issued | 36 | | " " " |
| Edna Ivan | 40 | Aug. 27 | 54 | | " Cutler and Little Current. |
| Osprey | | " 28 | 42 | | " fish tug, Lake Huron. |
| Coponaning | | Sept. 1 | 18 | | " tug, French river and vicinity. |
| Evelyn | | " 2 | 85 | | " " " |
| S. R. Morcross | | " 2 | 20 | | " " " |
| Maggie McLean | | " 2 | 37 | | " " " |
| Phoenix | | " 22 | 29 | | " tug, Lakes at Huntsville. |
| Gem | | Not issued | 9 | | " pass. " |
| Empress Victoria | 100 | Sept. 22 | 106 | | " " " |
| Equal Rights | | " 23 | 6 | | " tug, Lake of Bays. |
| Mary Louise | 40 | " 23 | 64 | | " Lake of Bays. |
| Dolly Gray | | Not issued | 5 | | " tug, Lake of Bays. |
| Joe | 40 | Sept. 24 | 57 | | " Lakes at Huntsville. |
| Glad Tidings | 10 | " 25 | 10 | | " Severn river and Sparrow lake. |
| Lady Franklin | 20 | " 25 | 5 | | " " " |
| Agnes | | Not issued | 14 | | " pass., Roches Pt. and Belle Ewart. |
| W. D. Matthews | 10 | Oct. 12 | 3,965 | | " " All lakes and rivers. |
| Midland King | 10 | " 12 | 3,965 | | " " " |
| City of Windsor | 258 | " 9 | 511 | | " Collingwood and Soo. |
| Joe Milton | 200 | " 10 | 94 | | " " |
| A. Seamen | | " 10 | 76 | | " tug, Georgian bay. |
| W. A. Rooth | | " 19 | 52 | | " " Soo and vicinity. |
| Algoma | 650 | " 19 | 157 | | " Point Iroquois and Bruce Mines. |
| Iota | | " 19 | 6 | | " Soo and vicinity. |
| W. J. Smith | | " 20 | 26 | | " tug, Soo and vicinity. |
| Bertha Endress | | Not issued | 32 | | " " |
| J. L. Beckwith | | Oct. 20 | 61 | | " " |
| Vixen | | " 21 | 68 | | " " |
| Ripple | | Not issued | 5 | | " " |
| N. Dyment | | Oct. 22 | 59 | | " tug, North channel. |
| Killarney Belle | | " 23 | 28 | | " " |
| Annie Moiles | 25 | " 23 | 71 | | " Killarney and Soo. |
| E. P. Sawyer | | " 23 | 52 | | " tug, North channel. |
| Jas. McKeon | | " 24 | 36 | | " " |
| Espanola | 21 | " 26 | 7 | | " Spanish river. |
| Fanny Arnold | 31 | " 27 | 73 | | " Killarney and Soo. |
| P. S. Hiesordt | | " 27 | 45 | | " tug, North channel. |
| W. A. Seymour | 30 | " 27 | 85 | | " Killarney and Soo. |
| Albert Wright | 12 | " 27 | 29 | | " Thessalon and Little Current. |
| Stella | | " 28 | 16 | | " fish tug, North channel. |
| Surprise | | Not issued | 19 | | " " " |
| Scotch Thistle | 27 | Oct. 30 | 17 | | " Blind river and Killarney. |
| Welcome | | Not issued | 21 | | " tug, North channel. |
| J. G. Gidley | 18 | Oct. 31 | 57 | | " Killarney and Soo. |
| E. Blake | | " 31 | 22 | | " tug, North channel. |
| Hazard | | Not issued | 34 | | " pass, " |
| Iroquois | 250 | Nov. 2 | 240 | | " Georgian bay ports. |
| Ethel | | " 2 | 13 | | " fish tug, North channel. |
| Tecumseh | | Not issued | 10 | | " tug, North channel. |
| Fred. Davidson | 40 | Nov. 2 | 43 | | " Killarney and Soo. |
| Everard | | " 2 | 25 | | " fish tug, North channel. |
| Gypsy | 8 | " 4 | 11 | | " Killarney and Soo. |
| Helen S | 21 | " 5 | 86 | | " Collingwood and Soo. |
| Magnolia | | " 25 | 367 | | " tug, all lakes and rivers. |
| Traveler | | Not issued | 438 | | " " " |
| Minitaga | | Nov. 26 | 73 | | " " " |
| Margherita | | " 26 | 31 | | " yacht, Georgian bay. |

STEAM Vessels Inspected, &c.—West Ontario Division—*Continued.*

BOILERS AND MACHINERY—*Continued.*

| Name of Vessel. | Number of Passengers allowed. | Date Certificate Expires. | Gross Tons. | Tonnage Dues and inspection Free Paid. | Class of Vessel and where emplo |
|---|---|---|---|---|---|
| | | 1905 | | | |
| Annie M | | Nov. 14 | 33 | | Screw, fish tug, Georgian bay |
| Alice G. | | April 14 | 36 | | " " " |
| E. M. Fraser | | " 14 | 50 | | " tug " |
| Midland Queen | 13 | " 21 | 1,993 | | " Duluth and Prescott. |
| Rosedale | 8 | " 21 | 1,507 | | " " |
| Signal | | " 21 | 94 | | " tug, Georgian bay. |
| Metamora | | Apr. 21 | 239 | | Screw, tug Georgian bay. |
| Algonquin | 10 | " 22 | 1806 | | " Duluth and Prescott. |
| Clipper | | " 22 | 46 | | " tug Georgian bay. |
| Dredge 9 | Dredge | " 22 | 187 | | Midland Harbour. |
| Rover | | " 21 | 51 | | Screw, Midland and vicinity. |
| Tadenac | | Not issued | 2359 | | " pass. all lakes and rivers. |
| Reginald | | Apr. 23 | 186 | | " tug " " " |
| Lilly | | " 23 | 22 | | " " Victoria Harbour and vic |
| Minnie M | Lake 468 / Coast 595 | " 27 | 613 | | " Toledo & Soo, |
| Captain Jim | | " 27 | 58 | | " fish. tug Lake Superior. |
| Commodore | | " 27 | 40 | | " tug Soo and vicinity, |
| Imperial | | " 27 | 36 | | " " " |
| W. J. Emerson | | " 27 | 28 | | " fish. tug Lake Superior. |
| Philadelphia | 40 | " 28 | 148 | | " all lakes and rivers. |
| J. A. McLean | | " 28 | 30 | | " tug Soo and vicinity |
| Gordon Gauthier | | " 28 | 26 | | " fish. tug Lake Superior. |
| C. E. Ainsworth | | " 28 | 76 | | " " " " |
| General Wolfe | | " 28 | 32 | | " tug Soo and vicinity. |
| Florence M | | " 29 | 8 | | " " " " |
| Alice | Frt. | May 2 | 1199 | | " frt. all lakes and rivers. |
| [illegible] | 12 | " 2— | 1073 | | " Duluth & Quebec. |
| H. H. Matthews | | Not issued | 3965 | | " pass. all lakes and rivers. |
| [illegible] | 200 | May 3 | 198 | | " Collingwood & Soo. |
| [illegible] | | " 3 | 44 | | " tug Collingwood and vicinity. |
| [illegible] | | " 3 | 26 | | " fish. tug Georgian bay. |
| [illegible] | | " 3 | 13 | | " " " " " |
| [illegible] | | " 4 | 24 | | " " " " " |
| [illegible] | | " 4 | 276 | | " tug all lakes and rivers. |
| [illegible] | | " 4 | 93 | | " " Georgian bay |
| [illegible] | | " 4 | 14 | | " " " " |
| [illegible] Midland | 326 | " 5 | 974 | | " Collingwood & Soo. |
| [illegible] | 636 | " 5 | 1578 | | " Fort William & Windsor. |
| [illegible] Collingwood | 328 | " 5 | 1387 | | " Collingwood and Duluth. |
| [illegible] | | " 5 | 256 | | " tug all lakes and rivers. |
| [illegible] | 500 | " 6 | 2616 | | " Fort William & Owen Sound. |
| [illegible] | 500 | " 6 | 2269 | | " " " " " |
| [illegible] | 500 | " 6 | 2282 | | " " " " " |
| [illegible] | | " 6 | 20 | | " fish. tug Georgian bay. |
| [illegible] | | " 6 | 49 | | " tug " " |
| [illegible] | 10 | " 6 | 2359 | | " Duluth & Prescott. |
| [illegible] | | " 7 | 23 | | " tug Georgian bay. |
| [illegible] | | " 7 | 16 | | " fish. tug Georgian bay. |
| [illegible] | Dredge | " 7 | 185 | | Owen Sound Harbour. |
| [illegible] | | " 7 | 37 | | Screw, tug Owen Sd. and vicinity. |
| [illegible] | | Not issued | 152 | | " pass. Georgian bay & Lake Hu |
| [illegible] | | May 9 | 23 | | " fish. tug " " |
| [illegible] | | " 9 | 40 | | " Georgian bay. |
| [illegible] | | Not issued | 19 | | " fish. tug Georgian bay. |
| [illegible] | | May 9 | 49 | | " " " Lake Superior. |
| [illegible] | | " 9 | 26 | | " " " Georgian bay. |
| [illegible] | | " 10 | 36 | | " " " " " |
| [illegible] | | " 10 | 46 | | " " " " " |
| [illegible] | 400 | " 10 | 782 | | Paddle, Collingwood & Killarney |
| [illegible] | | " 11 | 250 | | Screw tug Georgian bay. |
| [illegible] | 357 | " 11 | 1961 | | " Duluth & Windsor. |

STEAM Vessels Inspected, &c.—West Ontario Division—*Concluded.*

BOILERS AND MACHINERY—*Concluded.*

| Name of Vessel. | Number of Passengers allowed. | Date Certificate Expires. | Gross Tons. | Tonnage Dues and Inspection Fees Paid. | Class of Vessel and where employed. |
|---|---|---|---|---|---|
| | | 1905. | | | |
| Harrison | | May 17 | 150 | | Screw, tug Georgian bay. |
| Ripple | | " 17 | 15 | | " " " " |
| Thomas Maitland | | " 18 | 107 | | " " " " |
| Joe Milton | | Not issued | 93 | | " " " " and Lake Huron. |
| Gracie | | May 19 | 41 | | " fish. tug Lake Superior. |
| Gemanic | 496 | " 20 | 1014 | | " Collingwood & Duluth, |
| Superior | | " 20 | 89 | | " frt. all lakes & rivers. |
| Leighton McCarthy | | " 20 | 36 | | " fish. tug Georgian bay. |
| Ethyll Reid | | " 20 | 36 | | " " " " " |
| J. D. Hamill | | May 25 | 111 | | Screw, frt. Georgian bay. |
| Annie Silmon | | " 26 | 19 | | " tug " |
| | | 1904. | | | |
| Sandford | | Dec. 31 | 56 | | " " " |
| A. Seamen | | Not issued | 76 | | " " " |
| | | 1905. | | | |
| Fred A. Hodpon | | May 27 | 63 | | " " " |
| Laura M | | June 1 | 18 | | " fish. tug " |
| Mizpah | | " 1 | 18 | | " yacht " |
| Wexford | | Not issued | | | " frt. all lakes & rivers. |
| Ossifrage | | " | 632 | | " pass. " |
| Shawanaga | | June 9 | 96 | | " tug " |
| Agnes Smith | | " 10 | 57 | | " " North channel. |
| C. E. Benham | | " 10 | 140 | | " " " |
| W. S. Davis | | " 10 | 46 | | " fish. tug Lake Superior. |
| John Haggart | 235 | " 10 | 202 | | " Soo & Blind river. |
| Harold B. Phillips | | " 11 | 66 | | " tug Soo & vicinity. |
| Jno. J. Noble | | " 15 | 33 | | " fish. tug Lake Superior. |
| Jessie M | | Not issued | 14 | | " tug North channel. |
| J. H. McDonald | | June 17 | 41 | | " " " |
| Camilla | 40 | " 18 | 54 | | " Thessalon & Killarney. |
| Dispatch | | " 18 | 33 | | " tug North channel. |
| Geo. W. Cuyler | 25 | " 21 | 56 | | " Killarney & Thessalon. |
| Glyn | | " 22 | 20 | | " fish. tug North channel. |
| Dalton McCarthy | | Not issued | 54 | | " " " Georgian bay. |
| Waubaushene | | June 28 | 135 | | " tug " |
| Maud D | 140 | " 28 | 81 | | " Penetang & Point aux Baril inside. |
| Total | | | 53,565 | | |

E. W. McKEAN,
*Steamboat Inspector.*

TORONTO, ONT.

STEAM Vessels Inspected in Canada but registered elsewhere for the year ended June 30, 1903—West Ontario Division.

BOILERS AND MACHINERY.

| Name of Vessel. | Number of Passengers allowed. | Date Certificate Expires. | Gross Tons. | Tonnage Dues and Inspection Fees Paid. | Class of Vessel and where employed. |
|---|---|---|---|---|---|
| | | 1904. | | | |
| Fortune | 500 | Aug. 10 | 200 | ..... | S. Soo, Ont. & Soo, Michigan. |
| King Edward | 593 | June 9 | 571 | ..... | P. Soo & Toledo. |
| International | Pass | Not issued | 144 | ..... | S. Soo & vicinity. |
| Total | | | 915 | | |

E. W. McKEAN,
*Steamboat Inspector.*

TORONTO, ONT.

## STEAM Vessels Inspected for the year ended 30th June, 1904.

### WEST ONTARIO DIVISION.

BOILERS AND MACHINERY.

| Name of Vessel. | Number of Passengers Allowed. | Date Certificate Expires | Gross Tons. | Tonnage Dues and Inspection Fees Paid. | Class of Vessel, and where employed. |
|---|---|---|---|---|---|
| | | | | $ cts | |
| Seguin | 20 | April 4 | 818 | | Screw, Quebec and Duluth. |
| Melburne | 125 | " 13 | 894 | | " Toledo and Montreal. |
| Cuba | 125 | " 13 | 931 | | " Montreal and Sarnia. |
| Persia | 150 | " 20 | 757 | | " " Hamilton. |
| Shamrock | 412 | " 18 | 154 | | Paddle, ferry, Toronto bay. |
| Kathleen | 220 | " 18 | 110 | | Screw " " |
| D. R. Van Allen | | " 20 | 318 | | " freight, Duluth and Montreal. |
| Electric | | " 21 | 49 | | " yacht. |
| Danl. Lamb | | a 21 | 253 | | Dredge, Toronto bay. |
| St. George | | " 21 | 21 | | Screw, tug " |
| Ocean | 125 | " 22 | 684 | | " Montreal and Sarnia. |
| Spartan | 322 | " 25 | 402 | | Paddle " Hamilton. |
| Erin | | " 30 | 651 | | Screw, freight, all lakes and rivers. |
| Huronic | 653 | May 6 | 3,330 | | " Windsor and Duluth. |
| Chippewa | 2,000 | " 9 | 1,514 | | Paddle, Toronto and lake ports. |
| Corona | 1,456 | " 9 | 1,274 | | " " " |
| Ongiara | 244 | " 9 | 98 | | Screw, Niagara and Lewiston. |
| Monarch | 345 | " 11 | 2,017 | | " Windsor and Duluth. |
| Primrose | 900 | " 13 | 189 | | Paddle, ferry, Toronto bay. |
| Mayflower | 900 | " 13 | 189 | | " " " |
| Mazeppa | 285 | " 13 | 146 | | Screw, Pt. Auix and Penetang. |
| John Hanlan | 185 | " 13 | 37 | | " ferry, Toronto bay. |
| Island Queen | 140 | " 13 | 23 | | " " " |
| Arlington | 100 | " 13 | 23 | | " " " |
| Kingston | 1,000 | " 17 | 2,925 | | Paddle, Toronto and Prescott. |
| Toronto | 1,000 | " 18 | 2,779 | | " " " |
| Rheata | | Not issued | 27 | | Screw, tug, Toronto bay. |
| Garden City { Coasting / Lake | 760 / 514 | May 19 | 637 | | Paddle, Lake Ontario ports. |
| Ada Alice | 125 | " 20 | 60 | | Screw, ferry, Toronto bay. |
| Ojibway | 450 | " 30 | 194 | | " Toronto and Oakville. |
| Hiawatha | | June 2 | 46 | | " yacht, Toronto bay. |
| Empress Victoria | 100 | " 11 | 106 | | " Huntsville and lakes. |
| Phoenix | | " 11 | 29 | | " tug " " |
| Joe | 40 | " 11 | 51 | | " Huntsville and lakes. |
| Equal Rights | | " 13 | 6 | | " tug, Lake of Bays. |
| Lady of the Lakes | | " 13 | 10 | | " " " " |
| Mary Louise | | Not issued | 64 | | " pass. " " |
| Maple Leaf | | " | | | " " " " |
| Dolly Gray | | June 13 | 5 | | " tug " " |
| Wenonah | | Not issued | 161 | | Paddle and screw, pass., Burk Falls and Ahmic harbour. |
| Emulation | | June 14 | 25 | | Screw, tug, Magnetawan river. |
| Glenrosa | | " 14 | 63 | | " " " " |
| Wanita | 109 | " 14 | 44 | | " Burk's Falls and Ahmic harbour. |
| Theresa | | " 14 | 26 | | " tug " " |
| Gem | 38 | " 15 | 27 | | " Port Sydney and lakes. |
| Medora | 349 | " 16 | 377 | | " Muskoka lakes. |
| Kenozha | 250 | " 16 | 225 | | " " |
| Comet | | " 17 | 20 | | " tug " |
| Elgin L. Lewis | 120 | " 18 | 50 | | " Lake Coucheching. |
| Constance | 38 | " 27 | 52 | | " Muskoka Lakes. |
| Priscilla | | " 27 | 20 | | " yacht " |
| Muskoka | 250 | " 27 | 197 | | " " |
| Gravenhurst | | " 28 | 29 | | " tug " |
| Onagonah | | " 28 | 19 | | " " " |
| Mink | 25 | " 28 | 56 | | " " " |
| Nymph | 40 | " 28 | 29 | | " " " |
| Kestrel | | " 29 | 7 | | " yacht " |
| Ahmic | 65 | " 29 | 43 | | " " |

STEAM Vessels Inspected, &c.—West Ontario Division—*Concluded.*

BOILERS AND MACHINERY—*Concluded.*

| Name of Vessel. | Number of Passengers Allowed. | Date Certificate Expires. | Gross Tons. | Tonnage Dues and Inspection Fees Paid. | Class of Vessel and where employed. |
|---|---|---|---|---|---|
| | | | | $ cts. | |
| Nymoca | ..... | June 29.. | 25 | ..... | Screw, tug, Muskoka Lakes. |
| Bertha May | ..... | " 29.. | 9 | ..... | " " " |
| Neska | ..... | " 29.. | 9 | ..... | " yacht " |
| Queen of the Isles | ..... | " 30.. | 40 | ..... | " tug " |
| Oriole | 100 | " 30.. | 75 | ..... | " " |
| Nipissing | 277 | " 30.. | 275 | ..... | Paddle " |
| City of Bala | 40 | " 30.. | 74 | ..... | Screw " |
| Islander | 107 | " 30.. | 165 | ..... | " " |
| Total | ..... | ..... | 23,963 | | |

JAS. B. STEWART.

TORONTO, ONT.

## Steam Vessels not inspected for the year ended June 30, 1904.

### WEST ONTARIO DIVISION.

BOILERS AND MACHINERY.

| Name of Vessel. | Gross Tonnage. | Registered Tonnage. | Remarks. — Why not Inspected and Class of Vessel. | |
|---|---|---|---|---|
| Delila | 4 | 3 | Screw, passenger. | Inspected since June 30, 1904. |
| Lillie Smith | 275 | 187 | " freight. | |
| Manitou | 470 | 297 | " passenger. | |
| Tecumseh | 840 | 530 | " freight. | |
| Tepiakom | 29 | 20 | " fishing tug. | |
| Sarnia | 85 | 58 | " tug. | |
| Argyle | 41 | 28 | " " | |
| Ariadno | 38 | 26 | " fishing tug. | |
| Juno | 288 | 196 | " freight. | |
| Lansdowne | 1,571 | 908 | Paddle, car ferry. | |
| Ranger | 8 | 5 | Screw, tug. | |
| Dredge Hackett | 96 | 50 | Dredge. | |
| W. J. Strong | 41 | 28 | Screw, tug. | |
| Topsy Yacht | 9 | 6 | " passenger. | |
| Mayflower | 26 | 17 | " " | |
| J. C. Else | 33 | 21 | Paddle, tug. | |
| Sea Gull | 9 | 6 | Screw, " | |
| Albani | 5 | 4 | " yacht. | |
| Charlie M | 50 | 30 | " passenger. | |
| Johnie Wilson | 7 | 5 | " tug. | |
| Ina | 14 | 10 | " yacht. | |
| C. W. Chamberlain | 385 | 243 | " freight. | |
| Ella | 15 | 10 | " passenger. | |
| Minota | 29 | 19 | " yacht. | |
| Cynthia | 35 | 24 | " fishing tug. | |
| Jas. Norris | 50 | 34 | " tug. | |
| Dolphin | 24 | 17 | " " | |
| Neills | 11 | 7 | " " | |
| Islay | 175 | 119 | " passenger. | |
| Dredge Simcoe | 214 | 136 | Dredge. | |
| Lake | 13 | 5 | Screw, tug. | |
| City Queen | 69 | 42 | " passenger. | |
| Voyageur | 44 | 30 | " yacht. | |
| D. L. White | 56 | 38 | " tug. | |
| Penetang | 100 | 64 | " passenger. | |
| John Lee, Sr | 88 | 60 | " " | |
| Minnicog | 35 | 24 | " " | |
| Sweet Mary | 13 | 9 | " tug. | |
| Lilly May | 10 | 7 | " " | |
| Britannic | 428 | 228 | Paddle, passenger. | |
| Soncie | 14 | 9 | Screw, yacht. | |
| Boscobel | 617 | 420 | " tug. | No application. |
| Mary Amott | 8 | 6 | " " | |
| City of Mt. Clemens | 102 | 69 | " freight. | |
| Harry Sewell | 25 | 17 | " tug. | |
| E. G. Ashley | 10 | 7 | " " | |
| Torpedo | 8 | 6 | " " | |
| Odessa Yacht | 12 | 8 | " passenger. | |
| Eagle | 10 | 7 | " tug. | |
| Waubaushene | 97 | 47 | " " | |
| Stiletto | 14 | 10 | " passenger. | |
| Lillian | 5 | 4 | " tug. | |
| Bruce | 16 | 10 | " " | |
| United Lumberman | 399 | 259 | " " | |
| Secret | 9 | 6 | " yacht. | |
| Flyer | 4 | 3 | " passenger. | |
| Minette | 4 | 3 | Screw yacht. | |
| Annie C. Hill | 14 | 9 | " " | |
| J. J. O'Brien | 59 | 31 | " passenger. | |
| Gertie C. | 15 | 10 | " tug. | |
| Menadora | 73 | 50 | " " | |
| Caroline | 12 | 8 | " " | |
| Charlton | 389 | 265 | " " | |

Steam Vessels not inspected for the year ended 30th June, 1904—*Continued.*

WEST ONTARIO DIVISION.

BOILERS AND MACHINERY.

| Name of Vessel. | Gross Tonnage. | Registered Tonnage. | Remarks. Why not Inspected and Class of Vessel. | |
|---|---|---|---|---|
| Shamrock | 14 | 10 | Screw fishing tug. | No application. |
| W. E. Gladstone | 59 | 40 | " tug. | |
| Clucas | 28 | 19 | " fishing tug. | |
| Islander | 6 | 4 | " tug. | |
| Mabel G. | 10 | 8 | " yacht. | |
| Home Rule | 3 | 2 | " tug. | |
| Beaver | 29 | 12 | " " | |
| Reliance | 311 | 182 | " " | |
| Juno | 28 | 19 | " fishing tug. | |
| Pauline Hickler | 50 | 34 | " tug. | |
| C. M. Bowman | 88 | 60 | " " | |
| Roy | 6 | 4 | " yacht. | |
| M. G. McDonald | 29 | 19 | " fishing tug. | |
| Glenora | 17 | 10 | " yacht. | |
| Sonntag | 7 | 5 | " " | |
| Agnes C | 20 | 10 | " tug. | |
| Ida Bell | 6 | 3 | " fishing tug. | |
| Nina | 11 | 9 | " tug. | |
| Sea Queen | 18 | 12 | " fishing tug. | |
| Una | 22 | 15 | " yacht. | |
| Ella Taylor | 34 | 23 | " tug. | |
| Ida | 21 | 6 | " yacht. | |
| Harvey Neelon | 65 | 47 | " tug. | |
| Nautilus | 9 | 6 | " " | Not running. |
| W. E. C. U. | 6 | 4 | " yacht. | |
| Louisa | 13 | 9 | " " | |
| Uncle Tom | 8 | 3 | " fishing tug. | |
| Luella | 38 | 26 | " passenger. | |
| Cleopatra | 104 | 71 | " yacht. | |
| Mabel M. | 7 | 5 | " tug. | |
| R. C. Britton | 213 | 149 | " freight. | |
| Molly S. | 45 | 27 | " passenger. | |
| Florence Main | 79 | 52 | " " | |
| Creole | 21 | 14 | " tug. | |
| Sarah E. Day | 5 | 4 | " " | |
| G. P. McIntosh | 58 | 41 | " " | |
| Urania | 898 | 424 | Paddle passenger. | |
| Herbert M. | 26 | 18 | Screw tug. | |
| Island Belle | 31 | 21 | " " | |
| Siesta | 3 | 2 | " " | |
| J. C. Clark | 145 | 99 | " passenger. | |
| L. Shiekluna | 16 | 11 | " tug. | |
| Uncle Jim | 11 | 8 | " " | |
| Adrelexa | 15 | 10 | " passenger. | |
| Wales | 350 | 238 | " tug. | |
| Ivey Alderson | 39 | 27 | " fishing tug. | |
| Total | 10,671 | 6,637 | | |

JOHN DODDS,
E. W. McKEAN,
JAS. B. STEWART,
*Steamboat Inspectors.*

TORONTO, ONT.

**STEAM Vessels Inspected for the year ended June 30, 1904.**

## WEST ONTARIO DIVISION.

HULL INSPECTION.

| Name of Vessel. | Number of Passengers allowed. | Date Certificate Expires. | Gross Tons. | Tonnage Dues and Inspection Fees Paid. | Class of Vessel and where Employed. |
|---|---|---|---|---|---|
| | | 1904. | | $ cts. | |
| Helen S | 16 | July 13 | 86 | | Passenger, Georgian bay. |
| Scow No. 1 | 100 | " 14 | | 10 00 | " Toronto bay, |
| John Hanlan | 185 | " 14 | 37 | | " " |
| Clark Brothers | 200 | " 14 | 92 | | " Hamilton and Whitby. |
| George W. Cuyler | 25 | " 16 | 56 | | " Sault and French River. |
| Emma | 250 | " 21 | 146 | | " Pt. aux Baril and Penetang. |
| Geraldine | 40 | " 21 | 65 | | " " " |
| Bobs | 40 | " 22 | 38 | | " " " |
| Edna | 110 | " 22 | 55 | | " " " |
| John Lee, sr. coast lake | 201 / 291 | " 22 | 88 | | " Collingwood and Penetang. |
| Lorna Doone | 37 | " 22 | 26 | | " Pt. aux Baril and Morse Pt. |
| City Queen | 40 | " 23 | 69 | | " Penetang and Pt. aux Baril. |
| Maud | 28 | " 23 | 40 | | " " " |
| Penetang | 15 | " 23 | 102 | | " Byng Inlet and Penetang. |
| Masonic | 38 | " 23 | 39 | | " Penetang and Pt. aux Baril. |
| Minnicog | 40 | " 24 | 35 | | " " " |
| Imperial | 220 | " 27 | 150 | | " Port Arthur and Lake Superior |
| Commodore Jarvis | | Nov. 10 | 287 | | Freight, Toronto and Lake Ontario. |
| | | 1905. | | | |
| Séguin | 20 | April 18 | 818 | | " Quebec and Duluth. |
| Macassa | 616 | " 26 | 459 | | Passenger Toronto and Hamilton. |
| Lakeside | 524 | " 26 | 348 | | " Toronto and Lake Ontario. |
| Melbourne | 125 | " 26 | 894 | | " Toledo and Montreal. |
| Cuba | 125 | " 26 | 931 | | " Montreal and Sarnia. |
| Corsican | 370 | " 27 | 946 | | " Montreal and Hamilton. |
| Spartan | 322 | " 27 | 946 | | " " " |
| Ocean | 125 | " 27 | 684 | | " " Sarnia. |
| Persia | 150 | " 28 | 757 | | " " Hamilton. |
| Arabian | 12 | " 29 | 1073 | | " Duluth and Quebec. |
| Myles | | " 29 | 1199 | | Freight " " |
| Erin | | " 30 | 651 | | " " " |
| Rosedale | 8 | May 2 | 1507 | | Passenger, Duluth and Prescott. |
| Algonquin | 10 | " 2 | 1806 | | " " " |
| Midland Queen | 13 | " 3 | 1993 | | " and freight all lakes. |
| City of Toronto | 400 | " 4 | 782 | | " Collingwood and Killarney. |
| City of Collingwood | 325 | " 4 | 1387 | | " " Duluth. |
| City of Midland | 326 | " 4 | 974 | | " " Sault. |
| Majestic | 636 | " 4 | 1578 | | " Pt. William and Windsor. |
| United Empire | 357 | " 5 | 1961 | | " Windsor and Duluth. |
| Germanic | 496 | " 5 | 1014 | | " Collingwood and Duluth. |
| Alberta | 500 | " 6 | 2282 | | " Pt. William and Owen Sound. |
| Athabasca | 500 | " 6 | 2269 | | " " " |
| Manitoba | 500 | " 7 | 2616 | | " " " |
| Iroquois | 10 | " 7 | 2359 | | " Duluth and Prescott. |
| Huronic | 563 | " 9 | 3330 | | " " Windsor. |
| Monarch | 345 | " 10 | 2017 | | " " " |
| Hiawatha | 300 | " 10 | 163 | | " Amherstburg and Pt. Huron. |
| Ongiara | 244 | " 12 | 98 | | " Niagara river. |
| Corona | 1456 | " 12 | 1274 | | " Toronto and Lake Ontario. |
| Chippewa | 2000 | " 12 | 1514 | | " " " |
| Island Queen | 140 | " 13 | 23 | | " Toronto bay. |
| Shamrock | 412 | " 13 | 154 | | " " |
| Mayflower | 900 | " 13 | 189 | | " " |
| Primrose | 900 | " 13 | 189 | | " " |
| Chicora | 872 | " 14 | 931 | | " Toronto and Lake Ontario. |
| Ontario | 500 | " 16 | 1615 | | " Windsor and Detroit. |
| Michigan | 500 | " 16 | 1730 | | " " " |

STEAM Vessels Inspected, &c.—West Ontario Division—*Concluded.*

HULL INSPECTION.

| Name of Vessel. | Number of Passengers Allowed. | Date Certificate Expires. | Gross Tons. | Tonnage Dues and Inspection Fees Paid. | Class of Vessel, and where employed. |
|---|---|---|---|---|---|
| | | | | $ cts. | |
| Winona | 230 | May 17 | 231 | ..... | Passenger, Amherstburg and Sarnia. |
| Pappoose | 168 | " 17 | 57 | ..... | " " Pt. Huron. |
| Garden City Coast lake | 760 / 514 | " 20 | 637 | ..... | " Toronto and Lake Ontario. |
| D. R. Van Allen | ..... | " 21 | 318 | ..... | Freight, Duluth and Montreal. |
| Mazeppa | 232 | " 21 | 146 | ..... | Passenger, Penetang and Pt. aux Baril. |
| Toronto | 1000 | " 23 | 2779 | ..... | " Toronto and Prescott. |
| Kingston | 900 | " 23 | 2925 | ..... | " " " |
| Abino | 40 | " 24 | 8 | ..... | " Niagara river. |
| Maid of the Mist | 80 | May 26 | 62 | ..... | Passenger, Niagara Falls. |
| Hope | 300 | " 26 | 170 | ..... | " Buffalo and Fort Erie. |
| Ada Alice | 125 | " 28 | 60 | ..... | " Toronto bay. |
| Kathleen | 220 | " 28 | 110 | ..... | " " |
| C. W. Chamberlain | ..... | " 30 | 385 | ..... | Freight, all lakes and rivers. |
| Lincoln. Lake / River | 360 / 500 | June 1 | 337 | ..... | Passenger, Sarnia, Lake Erie. |
| City of Chatham | 627 | " 1 | 362 | ..... | " Detroit and Chatham. |
| Ojibway | 450 | " 3 | 194 | ..... | " Toronto and Oakville. |
| Norseman | ..... | " 6 | 620 | ..... | Freight, Duluth and Prescott. |
| Modjeska | 801 | " 7 | 678 | ..... | Passenger, Toronto and Hamilton. |
| City of Owen Sound | 200 | " 8 | 755 | ..... | " " Jordan. |
| Ottawa | 8 | " 12 | 2431 | ..... | " Duluth and Prescott. |
| John Haggart | 235 | " 14 | 184 | ..... | " Sault and Blind River. |
| King Edward | 593 | Oct 1 | 571 | ..... | " " Toledo. |
| Iroquois | 250 | June 16 | 240 | ..... | " " Collingwood. |
| Edna Ivan | 40 | " 16 | 54 | ..... | " Cutler and Little Current. |
| Agnes Smith | ..... | not issued. | | | |
| Camilla | 40 | June 17 | 54 | ..... | " Thessalon and Killarney. |
| Julien V. O'Brien | 25 | " 18 | 59 | ..... | " Georgian bay. |
| City of Windsor | 258 | " 24 | 511 | ..... | " Sault and Collingwood. |
| Turbinia | 1,550 | " 27 | 1064 | ..... | " Toronto and Hamilton. |
| Maud D. | 140 | " 30 | 81 | ..... | " Penetang and Pt. Aux Baril. |

WM. EVANS,
*Hull Inspector.*

STEAM Vessels Inspected in Canada, but Registered elsewhere, for the year ended June 30, 1904.

WESTERN ONTARIO DIVISION.

HULL INSPECTION—*Concluded.*

| Name of Vessel. | Number of Passengers Allowed. | Date Certificate Expires. | Gross Tons. | Tonnage Dues and Inspection Fees Paid. | Class of Vessel and where employed. |
|---|---|---|---|---|---|
| City of Grand Rapids | 361 | July 15 | 399 | 39 92 | Passenger, Lake Erie ports. |
| Niagara | 100 | Nov. 23 | 214 | 24 12 | " Buffalo and Fort Erie. |
| Ogemaw | 20 | May 17 | 594 | 47 52 | " All lakes and rivers. |
| Mascott | 498 | " 19 | 162 | 12 96 | " Amherstburg and Pt. Huron. |
| Nyandotte | 900 | " 27 | 320 | 25 60 | " Buffalo and Crystal beach. |
| Owana | 1,066 | June 1 | 747 | 59 76 | " Sarnia and Toledo. |
| Greyhound | 1,748 | " 1 | 1392 | 111 36 | " Toledo and Goderich. |
| Tashmoo | 1,887 | " 1 | 1344 | 107 52 | " Pt. Huron and Amherstburg. |
| Nellie H. | 40 | " 2 | 25 | 2 00 | " River St. Clair. |
| Omar D. Conger | 575 | " 2 | 196 | 15 68 | " Sarnia and Detroit. |
| Darius Cole | 1,075 | " 25 | 538 | 43 06 | " Buffalo and Crystal beach. |

WM. EVANS,
*Hull Inspector.*

STEAM Vessels Inspected, for the year ended June 30, 1904.

WEST ONTARIO DIVISION.

HULL INSPECTION.

| Name of Vessel. | Number of Passengers Allowed. | Date Certificate Expires. | Gross Tons. | Tonnage Dues and Inspection Fees Paid. | Class of Vessel and where Employed. |
|---|---|---|---|---|---|
| | | 1904. | | $ cts. | |
| Mink | 40 | Aug. 24 | 56 | | Screw Muskoka lake. |
| Ahmic | 75 | " 24 | 70 | | " " |
| Islander | 107 | " 24 | 165 | | " " |
| Nymph | 40 | " 24 | 29 | | " " |
| Charlie M | 32 | " 25 | 50 | | " " |
| Constance | 40 | " 25 | 52 | | " " |
| Oriole | 100 | " 25 | 75 | | " " |
| Florence Main | 100 | " 26 | 79 | | " " |
| City of Bala | 40 | " 26 | 74 | | " " |
| Nipissing | 310 | " 26 | 275 | | Paddle " |
| Medora | 360 | " 26 | 377 | | Screw " |
| Kenozha | 289 | " 26 | 225 | | " " |
| Muskoka | 301 | " 27 | 197 | | " " |
| Wanita | 109 | " 27 | 44 | | Burks Falls & Ahmic Harbour |
| Wenonah | 102 | " 28 | 161 | | Paddle&screw Burks Falls&Ahmic Harb' |
| Joe | 40 | " 28 | 57 | | Screw Huntsville & Lake of Bays water. |
| Empress Victoria | 100 | " 28 | 106 | | " " " |
| Mary Louise | 40 | " 28 | 64 | | " Lake of Bays & Dorsett. |
| Islay | 348 | " 31 | 175 | | " " Simcoe & tributaries. |
| Longford | 150 | " 31 | 53 | | " " " " |
| Elia | 40 | " 31 | 15 | | " " " " |
| Lady Franklin | 20 | " 31 | 5 | | " Severn river & Sparrow lake. |
| Glad Tidings | 10 | " 31 | 10 | | " " " |
| Acacia | 200 | " 31 | 107 | | " Hamilton & Burlington. |
| Great Western | 200 | Sept. 22 | 1,080 | | Paddle Windsor & Detroit. |
| Huron | 245 | " 22 | 1,052 | | T. screw, " " |
| Lansdowne | 200 | " 22 | 1,571 | | Paddle, " " |
| International | Frt. | July 2 | 851 | | T. screw, Sarnia & Pt. Huron. |
| Eagle | 40 | Not issued | 12 | | Screw, Pt. Edward & Pt. Huron. |
| City of New York | | " " | 292 | | " frt., lakes & rivers. |
| United Lumberman | | May 6 | 399 | | " " " " |
| Juno | | " 15 | 288 | | " " " " |
| Comfort | 40 | Sept. 25 | 14 | | " Marine City & Sombra. |
| City of Dresden | 100 | " 26 | 194 | | " Windsor & Lake Erie Pts. |
| Tadousac | 10 | " 29 | 2,359 | | " All lakes. |
| J. H. Jones | 240 | Aug. 15 | 152 | | " Lake Huron & Georgian bay. |
| Mayflower | 35 | Apl. 1 | 26 | | " Waubaushene & Penetang. |
| Lake Michigan | Frt. | July 8 | 573 | | " Lakes & rivers. |
| W. D. Matthews | 10 | Oct. 15 | 3,965 | | " " " |
| Middland King | 10 | " 15 | 3,965 | | " " " |
| Minnie M { Lake / Canal | 468 / 598 | " 17 | 613 | | " Toledo & Sault. |
| Ossifrage { Lake / River | 447 / 550 | Not issued | 632 | | " Michipicoten & Sault. |
| Algoma | 650 | Oct. 19 | 157 | | " Pt. Iroquois & Bruce Mines. |
| Philadelphia | 40 | " 21 | 148 | | " Lakes & rivers. |
| Annie Moiles | 25 | " 22 | 71 | | " Killarney & Sault Ste. Marie. |
| Telegram | 200 | " 23 | 198 | | " Collingwood & " " |
| Albert Wright | 12 | " 24 | 29 | | " Thessalon & Little Current. |
| Espanola | 21 | " 26 | 7 | | " Spanish river. |
| Fannie Arnold | 31 | " 26 | 73 | | " Killarney & Sault. |
| Wm. H. Seymore | 30 | " 27 | 85 | | " " " |
| Joe Milton | 200 | Apl. 1 | 92 | | " Collingwood & Sault. |
| Iroquois | 200 | Not issued | 240 | | " Owen Sound & Sault. |
| J. G. Gidley | 18 | Oct. 28 | 57 | | " Killarney & Sault. |
| Scotch Thistle | 27 | " 29 | 17 | | " " & Blind river. |
| Fred Davidson | 40 | " 30 | 43 | | " " & Sault. |
| Hazard | 10 | No cert. of Regstr. | | | " " & Thessalon. |
| Geo. W. Cuyler | 25 | Oct. 31 | 56 | | " " " |
| Helen S | 21 | Nov. 3 | 86 | | " Collingwood & Sault. |
| Gypsy | 8 | " 4 | 11 | | " Killarney & Sault. |

M. R. DAVIS, *Inspector of Hulls & Equipment*

STEAM Vessels Inspected in Canada but Registered Elsewhere for the year ended June 30, 1904.

WEST ONTARIO DIVISION.

HULL INSPECTION.

| Name of Vessel. | Number of Passengers Allowed. | Date Certificate Expires. | Gross Tons. | Tonnage Dues and Inspection Fees Paid. | Class of Vessels and where Employed. |
|---|---|---|---|---|---|
| | | 1904. | | $ cts. | |
| Iropuois Lake | 800 | | | | |
| " Canal | 1200 | Aug. 21.. | 1170 | 101 52 | Screw, lakes and rivers. |
| Michigan Central | 281 | Sept. 18.. | 1522 | 129 76 | Paddle, Detroit and Windsor. |
| Transfer | 233 | " 18.. | 1511 | 128 89 | " and screw, Detroit and Windsor. |
| Transport | 256 | " 18.. | 1595 | 135 60 | " Detroit and Windsor. |
| Garland | 517 | " 19.. | 248 | 27 84 | Screw " " |
| Victoria | 250 | " 19.. | 192 | 23 36 | " " " |
| Sapho | 550 | " 19.. | 224 | 25 92 | " between Lakes Erie & Huron. |
| Excelsior | 250 | " 19.. | 229 | 26 32 | " Detroit and Windsor. |
| Promise | 750 | " 19.. | 473 | 45 84 | " Amherstburg and Pt. Huron. |
| Pleasure | 853 | " 21.. | 490 | 47 20 | " " " |
| Columbia | 1500 | " 21.. | 969 | 85 84 | " " " |
| City of Toledo | 1095 | " 21.. | 1004 | 88 32 | Paddle, Toledo and Pt. Huron. |
| Ariel | 226 | Aug. 28.. | 202 | 24 16 | Screw, Walkerville and Detroit. |
| Grace Darmer | 200 | Sep. 23.. | 66 | 10 28 | " Pt. Huron and Sarnia. |
| James Baird | 150 | " 24.. | 87 | 11 96 | " " " |
| Welcome | 266 | " 25.. | 213 | 25 04 | " St. Clair & Courtright. |
| Pere Marquette | 51 | Not issued | 1938 | 163 04 | Tug screw, Pt. Stanlay & Conneaut. |
| Fartimi | 500 | Aug. 4.. | 200 | 24 00 | Screw, Sault Ste. Marie ferry. |

M. R. DAVIS,

*Inspector of Hulls & Equipment.*

## STEAM Vessels Inspected for the year ended 30th June, 1904.

### EAST ONTARIO DIVISION.

BOILERS AND MACHINERY.

| Name of Vessel. | Number of Passengers Allowed. | Date Certificate Expires. | Gross Tons. | Tonnage Dues and Inspection Fees Paid. | Class of Vessel, and where Employed. |
|---|---|---|---|---|---|
| | | 1904. | | $ cts. | |
| Jessie Bain | 150 | July 3 | 66·58 | | Screw, Kingston and Prescott. |
| Maida Vale | | " 8 | 18·74 | | Yacht, Stony lake. |
| Idle Hour | | | 2·40 | | Screw, passenger, Stony lake. |
| Bancroft | | | 9·56 | | Paddle, steam punt, Lindsay waters. |
| White Star | | July 8 | 8·88 | | Screw " Kawartha Lakes. |
| Victoria | | " 9 | 3·90 | | " tug " |
| Hazlitt | | " 9 | 23·70 | | Paddle alligator tug " |
| Empress | 224 | " 9 | 84·48 | | Screw, cos., Victoria & Peterborough. |
| Flash | | | 4·74 | | Screw, pass. " " |
| Muskoka | | July 10 | 22·05 | | Paddle, allig'r tug " " |
| Majestic | 180 | " 10 | 67·77 | | Screw, cos. " " |
| Estelle | | " 10 | 8·24 | | " yacht " " |
| Alert | 150 | " 10 | 56·38 | | " cos. " " |
| Esturian | 300 | " 10 | 139·39 | | Paddle " " " |
| Ogemah | 175 | " 10 | 71·75 | | " " " " |
| Calumet | 30 | " 10 | 21·87 | | Screw " " " |
| Ajax | | " 10 | 32·97 | | " tug " " |
| Lady of the Lake | 38 | " 10 | 32·95 | | t cos. " " |
| Pearl | 18 | " 10 | 6·39 | | " " " " |
| Stranger | | " 10 | 53·41 | | " tug " " |
| Maple Leaf | | " 10 | 26·08 | | " " " " |
| Cora | 40 | " 10 | 22·61 | | " cos. " " |
| Dawn | | " 10 | 20·20 | | " tug " " |
| McClintock | | " 10 | 20·72 | | Paddle, allig'r tug " " |
| Kawartha | | " 10 | 16·69 | | Screw, Fenelon Falls & Kawartha lake. |
| Dauntless | 10 | " 10 | 3·38 | | " " " |
| Minnie May | | " 10 | 10·20 | | Paddle, steam punt, Fenelon Falls & Kawartha lake. |
| Beaver | | " 10 | 91·50 | | " tug, Lindsay waters. |
| Marie Louise | | " 10 | 32·19 | | Screw " " |
| Manita | 150 | " 10 | 34·10 | | " cos., Victoria & Peterborough |
| Baptiste | | | 7·51 | | Paddle, steam punt, Lindsay waters. |
| Waterwitch | | July 10 | 17·70 | | Screw, tug " |
| Comet | 32 | " 10 | 7·60 | | " cos., Victoria & Peterborough. |
| Dredge Alfred | | | 89·19 | | Spoon dredge " " |
| Alexandra | 150 | July 10 | 104·92 | | Screw, cos. " " |
| Rockaway | | | 6·80 | | Paddle, st'm punt " " |
| Kenosha | 350 | July 10 | 266·20 | | " cos. " " |
| Greyhound | 40 | " 10 | 37·35 | | Screw " " " |
| Beaver | 40 | " 10 | 18·00 | | " Rice Lake and tributaries. |
| North Star | 160 | " 10 | 39·60 | | " " " |
| Rob Roy | | " 10 | 4·52 | | " yacht " " |
| Lassie | | | 5·52 | | " " " " |
| Mermaid | | | 10·95 | | " " " " |
| Rainbow | 100 | July 10 | 50·69 | | " " " |
| City of Peterborough | 310 | " 10 | 224·29 | | T. " " " |
| Arthemi-e | | | 10·75 | | " yacht " " |
| Water Lily | 125 | | 53·93 | | " cos., Victoria & Peterborough. |
| Edmond | | May 28 | 39·10 | | " tug, Rideau canal. |
| Frontenac | | Aug. 1 | 110·76 | | " " River St. Lawrence. |
| Wm. Johnston | | " 1 | 94·72 | | " " " |
| M. & W | | " 10 | 8·48 | | " " " |
| Florence | | " 13 | 6·70 | | " fish tug, Bay of Quinté. |
| Vesta | | " 13 | 7·80 | | " yacht " |
| Prince Edward | | | 18·22 | | Paddle, Tyendenaga and Sophiasburg. |
| Trent | | Aug. 15 | 19·51 | | " alligator tug, Bay of Quinté. |
| Florence | | May 18 | 3·08 | | Screw, yacht " |
| Maggie May | | Aug. 17 | 29·03 | | " tug, Rideau canal. |
| Lillian B | 20 | " 18 | 3·76 | | " Carleton Place and Innesville. |
| Tropic | 30 | " 19 | 8·86 | | " Kington and Ottawa. |

IAL PAPER No. 23

STEAM Vessels Inspected &c.—East Ontario Division—*Continued.*

BOILERS AND MACHINERY—*Continued.*

| of Vessel. | Number of Passengers Allowed. | Date Certificate Expires. | Gross Tons. | Tonnage Dues and Inspection Fees Paid. | Class of Vessel and where Employed. |
|---|---|---|---|---|---|
| | | 1904. | | $ cts. | |
| ..... | ..... | Aug. 19.. | 10·10 | ..... | Screw, fish patrol boat, Rideau canal. |
| ..... | ..... | " 19.. | 15·23 | ..... | " yacht, Rideau canal. |
| ..... | 20 | " 19.. | 6·82 | ..... | " Kingston and Ottawa. |
| ..... | ..... | " 21.. | 5·59 | ..... | " yacht, Rideau canal. |
| ..... | ..... | " 21.. | 17·90 | ..... | " " " |
| ..... | ..... | Sept. 3.. | 80·27 | ..... | " freight " |
| o. 6..... | ..... | " 1.. | 100·00 | ..... | Spoon dredge, River St. Lawrence. |
| ..... | ..... | " 1.. | 39·50 | ..... | Screw, tug " |
| ..... | ..... | " 1.. | 40·88 | ..... | " " canal and river. |
| n..... | ..... | " 1.. | 20·22 | ..... | " " " |
| ..... | 150 | " 1.. | 69·58 | ..... | " Kingston and Montreal. |
| ..... | 175 | " 1.. | 57·00 | ..... | " " " |
| ..... | 40 | " 1.. | 10·50 | ..... | Paddle, Cornwall and Dundee |
| rnett..... | ..... | " 1.. | 41·89 | ..... | Screw, tug, canal and river. |
| ouise..... | 100 | " 1. | 26·36 | ..... | " Kingston and Montreal. |
| ..... | 35 | " 12.. | 7·43 | ..... | " Cornwall and Stanley island. |
| ke..... | ..... | " 1.. | 34·17 | ..... | " tug, canal and river. |
| ttomac ..... | ..... | " 1.. | 195·65 | ..... | Elevator dredge. |
| ..... | ..... | " 1.. | 53·49 | ..... | Screw, tug, canal and river. |
| is..... | ..... | " 1.. | 40·23 | ..... | " " " |
| ..... | ..... | " 1.. | 24·70 | ..... | " " " |
| ttawa ..... | ..... | " 1.. | 219·95 | ..... | Spoon dredge. |
| ..... | ..... | " 1.. | 40·83 | ..... | Screw, tug, canal and river. |
| oquois ..... | ..... | " 1.. | 287·18 | ..... | Spoon dredge. |
| ..... | ..... | " 1. | 197·69 | ..... | Drill boat. |
| ..... | ..... | " 1.. | 15·97 | ..... | Screw, tug, canal and river. |
| . Stewart ..... | ..... | " 1.. | 295·21 | ..... | Spoon dredge. |
| iter ..... | ..... | " 1.. | 32·14 | ..... | Screw, tug, canal and river. |
| ..... | ..... | ..... | ..... | ..... | Drill boat. |
| ..... | ..... | Sept. 1.. | 42·98 | ..... | Screw, tug, canal and river. |
| ..... | ..... | " 1.. | 73·21 | ..... | " " River St. Lawrence. |
| ..... | 40 | Aug. 20.. | 10·54 | ..... | " Kingston and Prescott. |
| ly..... | ..... | ..... | 95·09 | ..... | " freight, River St. Lawrence. |
| le..... | ..... | ..... | 15·50 | ..... | " fish tug " |
| | | 1905. | | | |
| t..... | 415 | April 9.. | 251·98 | ..... | Paddle, Trenton and Prescott. |
| higan ..... | ..... | ..... | 573·28 | ..... | Screw, freight, Great Lakes. |
| ..... | ..... | April 11.. | 231·53 | ..... | " " lake and river. |
| ..... | 25 | " 15.. | 371·86 | ..... | Twin screw, all lakes and rivers. |
| ..... | 15 | " 15.. | 13·83 | ..... | Screw, Trenton and Picton. |
| ..... | 85 | " 15.. | 54·57 | ..... | " " Prinzer's cove. |
| ..... | 25 | " 15.. | 239·14 | ..... | Twin screw, lakes and rivers. |
| ..... | 25 | ..... | 52·29 | ..... | Screw, Trenton and Prescott. |
| ..... | 300 | April 16.. | 324·88 | ..... | Paddle, Brighton and Prescott. |
| Thomson..... | ..... | " 16.. | 185·05 | ..... | Screw, tug, River St. Lawrence. |
| it..... | ..... | " 18.. | 1,580·37 | ..... | " freight, all lakes and rivers. |
| ..... | 350 | " 18.. | 171·27 | ..... | " Brighton and Montreal. |
| vin..... | ..... | " 19.. | 749·53 | ..... | " freight, all lakes. |
| ..... | ..... | " 19.. | 976·49 | ..... | " " " |
| ..... | ..... | " 19.. | 1,490·04 | ..... | " " " |
| ly..... | ..... | " 22.. | 95·09 | ..... | " " River St. Lawrence. |
| ia..... | 600 | " 22.. | 863·15 | ..... | Paddle, Charlotte and Quebec. |
| ..... | ..... | " 23.. | 141·86 | ..... | Screw, freight, lake and river. |
| Porter..... | ..... | " 23.. | 488·63 | ..... | " " " |
| ing..... | 300 | " 26.. | 265·92 | ..... | " Kingston and Ottawa. |
| ..... | 40 | " 29.. | 51·55 | ..... | " " Prescott. |
| ll ..... | ..... | " 29.. | 56·54 | ..... | " tug, River St. Lawrence. |
| ne..... | ..... | " 29.. | 108·53 | ..... | " freight, Rideau canal. |

## STEAM Vessels Inspected, &c.—East Ontario Division—*Concluded.*

BOILERS AND MACHINERY—*Concluded.*

| Name of Vessel. | Number of Passengers allowed. | Date Certificate Expires. | Gross Tons. | Tonnage Dues and Inspection Fees paid. | Class of Vessel and Where emplo |
|---|---|---|---|---|---|
| | | 1905. | | $ cts. | |
| Glide | | May 30 | 77·90 | | Screw, tug, River St. Lawrence. |
| Nile | | " 3 | 96·30 | | " freight " |
| Kate | | " 4 | 22·41 | | " yacht " |
| Bothnia | | " 5 | 833·36 | | " freight " |
| Chicora | 872 | " 6 | 930·50 | | Paddle, Toronto and lake ports. |
| Parthia | | " 7 | 198·13 | | " tug, River St. Lawrence. |
| D. S. Walker | | " 12 | 55·55 | | Screw " " |
| Dredge Central City | | " 13 | 223·62 | | Spoon dredge. |
| D. P. Dey | | May 13 | 11·26 | | Screw, tug, River St. Lawrence. |
| Dredge No. 4 | | " 13 | 175·41 | | Spoon dredge. |
| H. F. Bronson | | " 14 | 137·12 | | T.S., tug, River St. Lawrence. |
| North King | 525 | " 14 | 872·95 | | Padd., Lake Ont. & Riv. St. Lawr |
| Chieftain | | " 14 | 434·68 | | " tug, River St. Lawrence. |
| America | 600 | " 14 | 520·53 | | " Trenton and Montreal. |
| Dorothy | | | 10·09 | | Screw, Napanee and Trenton. |
| Jessie Forward | | | 5·64 | | " yacht, Bay of Quinté. |
| Reindeer | 125 | May 16 | 58·29 | | " Napanee and Prenzers co |
| Armenia | 250 | " 17 | 109·99 | | " Trenton and Prescott. |
| Niagara | 450 | " 18 | 396·43 | | " Toronto and Montreal. |
| Varuna | 275 | " 18 | 134·04 | | " Trenton and Prescott. |
| Madge | | " 18 | 7·22 | | " yacht, Bay of Quinté. |
| Argyle | 800 | " 19 | 700·29 | | Padd., L. Ontario & Riv. St. Lawr |
| Annie Lake | 40 | " 19 | 18·52 | | Screw, Brighton and Prescott, |
| Kismit | | " 20 | 5·42 | | " yacht, Bay of Quinté. |
| Dredge I. X. L. | | June 2 | 100·00 | | Spoon dredge. |
| Aurelia | | " 2 | 32·05 | | Screw, tug, River St. Lawrence. |
| Michael Davitt | | | 28·24 | | " " " |
| Brockville | 358 | June 4 | 190·75 | | " Kingston and Cornwall. |
| Sovereign | 150 | " 6 | 44·92 | | " Rice Lake and tributaries |
| Margaret | | | | | " yacht, River St. Lawrenc |
| Eric (Gasoline) | | | 2·86 | | " " " |
| Rideau Queen | 300 | May 9 | 350·75 | | " Kingston and Ottawa. |
| Wherenow | 100 | " 9 | 47·78 | | " Kingston and Prescott. |
| Gonow (Gasoline) | | | 1·15 | | " River St. Lawrence. |
| Lolita " | | | 1·70 | | " " " |
| Kiniroing | | May 14 | 145·40 | | " freight, Rideau Canal. |
| Skylark | | " 15 | 43·29 | | " yacht, River St. Lawrenc |
| Caspian | 500 | " 15 | 957·44 | | Paddle, Charlotte & Thousand Is |
| Antelope | 40 | " 20 | 24·98 | | Screw, Trenton and Prescott. |
| Lee | | June 20 | 8·73 | | " yacht, River St. Lawrenc |
| Albani | | " 20 | 57·83 | | " " " |
| Leone | 20 | " 20 | 4·26 | | " Kingston and Prescott. |
| Victoria | 186 | " 20 | 58·10 | | " " and Cornwall. |
| Ellen | 40 | " 20 | 25·10 | | " " and Montreal. |
| Illicillewaet | | " 20 | 16·59 | | " yacht, River St. Lawrenc |
| Kenneth | | " 20 | 4·11 | | " " " |
| Zeila | | | 3·40 | | " " " |
| International | | | 395·31 | | Twin screw, freight and car ferry. |
| City of Belleville | 200 | June 20 | 101·17 | | Screw, Brockville and Ogdensburg |
| Mayflower | | | 392·05 | | " freight, River St. Lawrenc |
| Total | | | 22,953·42 | | |

THOS. P. THOMPSON,
*Steamboat Inspector.*

STEAM Vessels Inspected in Canada but Registered elsewhere, for the Year ended June 30, 1904.

EAST ONTARIO DIVISION.

BOILERS AND MACHINERY.

| Name of Vessel. | Number of Passengers Allowed. | Date Certificate Expires. | Gross Tons. | Tonnage Dues and Inspection Fees Paid. | Class of Vessels and where employed. |
|---|---|---|---|---|---|
| | | 1904. | | $ cts. | |
| Castanet | 175 | June 20.. | 54·00 | 9 40 | Screw, Kingston and Ogdensburg. |
| Cresco | ..... | ..... | 62·00 | 9 96 | " River St. Lawrence. |
| Riverside | ..... | ..... | 124·00 | 17 92 | " " " |
| Wm. Armstrong | 25 | June 16.. | 181·24 | 22 48 | " Prescott and Ogdensburg. |
| | | 1905. | | | |
| Islander | 468 | April 6.. | 118·61 | 9 52 | Paddle, Trenton and Ogdensburg. |
| New Island Wanderer | 400 | " 18.. | 123·00 | 9 84 | Screw, Kingston and " |
| St. Lawrence | 645 | May 5.. | 312·90 | 25 04 | Paddle " " |
| Castanet | 175 | June 1.. | 54·50 | 4 32 | Screw " " |
| Sirius | 50 | " 2.. | 22·78 | 1 84 | " Trenton and Montreal. |
| Ramona | 150 | " 10.. | 57·07 | 4 56 | " " Ogdensburg. |
| Niagara | 40 | " 11.. | 36·00 | 2 88 | " Lake Ontario and Riv. St. Law. |
| New York | 730 | " 1.. | 294·87 | 23 52 | Paddle, Kingston and Ogdensburg. |
| Valetta | 38 | " 20.. | 27·84 | 2 24 | Screw, Trenton and " |
| Sophia | ..... | ..... | 16·36 | 1 28 | " River St. Lawrence. |
| Wm. Armstrong | 25 | June 20.. | 181·25 | 14 48 | " Prescott and Morristown. |
| Island Bell | 300 | " 20.. | 89·77 | 7 20 | " Kingston and Ogdensburg. |
| Nettie | 30 | " 20.. | 11·02 | 0 88 | " Cape Vincent and Quebec. |
| Outing | 25 | " 20.. | 15·87 | 1 28 | " Kingston and Fort Corington. |
| Algona | 250 | " 20.. | 92·06 | 7 36 | " " Montreal. |
| Mary | 300 | " 20.. | 174·64 | 13 92 | " " Fort Corington. |
| Henry Plumb | 81 | " 20.. | 92·78 | 7 44 | " Prescott and Morristown. |
| Riverside | ..... | ..... | 133·00 | ..... | " River St. Lawrence. |
| H. P. Bigelow | ..... | ..... | 46·67 | ..... | " " |
| Indianna | ..... | ..... | 26·00 | 2 08 | " " |
| I Wonder | ..... | ..... | 16·11 | 1 28 | " " |
| Virginia | ..... | ..... | 21·00 | 1 68 | " " |
| Capt. Visgar | ..... | ..... | 29·23 | 2 32 | " " |
| Capt. Dave Waggoner | ..... | ..... | 19·00 | 1 52 | " " |
| Gen. W. B. Franklin | ..... | ..... | 11·35 | 0 88 | " " |
| Idler | ..... | ..... | 57·00 | 4 56 | " " |
| Total | ..... | ..... | 2,501·91 | 211 68 | |

STEAM Vessels not Inspected for the Year ended June 30, 1904.

| Name of Vessel. | Gross Tonnage. | Registered Tonnage. | Remarks. — Why not Inspected and Class of Vessel. |
|---|---|---|---|
| Dalce | 4·74 | 3·22 | Screw, pass., not in commission. |
| Mary Ethel | 98·61 | 56·13 | Paddle " " |
| Marmara | 12·96 | 8·82 | Screw " " |
| Lorlei | 5·88 | 4·00 | " yacht " |
| Mollie | 10·72 | 7·29 | " " " |
| Rambler | 8·75 | 7·60 | Paddle, tug " |
| Glengarry | 732·41 | 438 46 | Screw, freight " |
| Madge | 9·49 | 6·46 | " yacht, no application. |
| Total | 883·56 | 531·98 | |

THOS. P. THOMPSON,
*Steamboat Inspector.*

## STEAM Vessels Inspected for the Year ended June 30, 1904.

### EAST ONTARIO DIVISION.

HULL INSPECTION.

| Name of Vessel. | Number of Passengers Allowed. | Date Certificate Expires. | Gross Tons. | Tonnage Dues and Inspection Fees Paid. | Class of Vessel and where employed. |
|---|---|---|---|---|---|
| | | 1904. | | $ cts. | |
| Wanda... Montreal | 15 | July 3.. | 39 | ..... | Screw, Trenton and Montreal. |
| Wanda... Prescott. | 30 | | | | |
| Ellen .... Montreal | 30 | " 8.. | 25 | ..... | " " " |
| Ellen .... Prescott. | 40 | | | | |
| Esturian..... | 300 | " 14.. | 139 | ..... | Paddle, Cos. Vict. and Peterboro. |
| Kawartha..... | 30 | " 14.. | 17 | ..... | Screw, Fenelon Falls and Kawartha lakes. |
| Dauntless..... | 10 | " 14.. | 3 | ..... | " " " |
| Manita..... | 150 | " 15.. | 34 | ..... | " Cos. Vict. and Peterboro. |
| Kenosha..... | 350 | " 15.. | 266 | ..... | Paddle, " " |
| Comet..... | 32 | " 16.. | 8 | ..... | Screw, " " |
| Jessie Bain..... | 150 | May 1.. | 67 | ..... | " Kingston, Cos. Vict. and Peterboro. |
| Dawn..... | 30 | Not issued | 20 | ..... | " Cos. Vict. and Peterboro. |
| Cora..... | 40 | July 18.. | 23 | ..... | " " " |
| Alexandra..... | 150 | " 20.. | 105 | ..... | " " " |
| Calumet..... | 30 | " 20.. | 22 | ..... | " " " |
| Pearl..... | 18 | " 20.. | 6 | ..... | " " " |
| Ogemah..... | 175 | " 20.. | 72 | ..... | Paddle, " " |
| Empress..... | 224 | " 21.. | 84 | ..... | Screw, " " |
| Majestic..... | 180 | " 21.. | 68 | ..... | " " " |
| Alert..... | 150 | " 21.. | 56 | ..... | " " " |
| Waterlily..... | 125 | " 22.. | 54 | ..... | " Rice lake and tributaries. |
| Rainbow..... | 100 | " 22.. | 51 | ..... | " " " |
| City of Peterboro..... | 310 | " 22.. | 224 | ..... | T. " " " |
| North Star..... | 160 | " 23.. | 40 | ..... | " " " |
| Lady of the Lakes.... | 38 | " 23.. | 33 | ..... | " Cos. Vict. and Feterboro. |
| Greyhound..... | 40 | Nov. 1.. | 37 | ..... | " " " |
| Lillian B..... | 20 | Aug. 11.. | 4 | ..... | " Carleton Place and Innsville. |
| Commodore..... | 25 | Not issued | 3 | ..... | " " " |
| Tropic..... | 30 | Aug. 12.. | 9 | ..... | " Kingston and Ottawa. |
| Princess Louise... P. | 100 | Sept. 10. | 26 | ..... | " " and Montreal. |
| Princess Louise... M | 65 | | | | |
| Grenada..... P. | 175 | " 10. | 57 | ..... | " " " |
| Grenada..... M | 125 | | | | |
| Ivy..... | 20 | Not issued | 7 | ..... | " Cornwall and Stanley Isle. |
| Gracie..... | 40 | Sept. 12.. | 11 | ..... | Paddle, " Dundee. |
| Stranger..... | ..... | Not issued | 70 | ..... | Screw, Kingston and Montreal. |
| Nellie..... | 20 | Aug. 12.. | 7 | ..... | " " Ottawa. |
| Beaver..... | 40 | July 17.. | 18 | ..... | " Rice lake and tributaries. |
| | | 1905. | | | |
| Pierrepont..... | 415 | April 11.. | 252 | ..... | Paddle, Trenton and Prescott. |
| Iona..... | ..... | " 13.. | 232 | ..... | Screw, freight, all lakes. |
| D. D. Calirn..... | ..... | " 19.. | 750 | ..... | " " Lakes and rivers. |
| Innia..... | ..... | " 19.. | 976 | ..... | " " " |
| Simla..... | ..... | " 19.. | 1490 | ..... | " " " |
| Aletha..... | 350 | " 20.. | 171 | ..... | " Brighton and Montreal. |
| Resolute..... | 25 | " 21.. | 372 | ..... | T. " Lakes. |
| Deseronto..... | 85 | " 21.. | 55 | ..... | " Trenton and Prinzers cove. |
| Reliance..... | 25 | " 21.. | 239 | ..... | T. " Lakes. |
| Ella Ross..... | 300 | " 21.. | 325 | ..... | Paddle, Brighton and Prescott. |
| Ranger..... | 15 | " 22.. | 19 | ..... | Screw, Trenton and Picton. |
| Alexandria... Lake. | 400 | " 22.. | 863 | ..... | Paddle, Charlotte and Quebec. |
| Alexandria... River. | 600 | | | | |
| Lloyd S. Porter..... | ..... | " 22.. | 489 | ..... | Screw, lakes and rivers. |
| Rideau King..... | 300 | " 27.. | 266 | ..... | " Kingston and Ottawa. |
| Valeria..... | 135 | " 28.. | 52 | ..... | " " Prescott. |
| Rosemount..... | ..... | " 28.. | 1580 | ..... | " lakes and rivers. |
| | | 1904. | | | |
| Jap I..... | 40 | Aug. 15.. | 11 | ..... | " Kingston and Prescott. |

STEAM Vessels, Inspected for the Year ended June 30, 1904.—*Concluded.*

EAST ONTARIO DIVISION.

HULL INSPECTION.

| Name of Vessel. | Number of Passengers Allowed. | Date Certificate Expires. | Gross Tons. | Tonnage Dues and Inspection Fees Paid. | Class of Vessel and where employed. |
|---|---|---|---|---|---|
| | | 1904. | | $ cts. | |
| | | 1905. | | | |
| Bothnia | | May 4 | 833 | | Screw lakes and rivers. |
| America { Montreal / Prescott | 600 | " 14 | 521 | | Paddle, Trenton and Montreal. |
| North King | 525 | " 16 | 873 | | " Lake Ont. and River St. Law. |
| Reindeer | 125 | " 19 | 58 | | Screw, Napanee and Prinzers Cove. |
| Armenia | 250 | " 19 | 110 | | " Trenton and Prescott. |
| Varuna | 275 | " 19 | 134 | | " " " |
| Annie Lake | 40 | " 19 | 19 | | " Brighton and Prescott. |
| Prince Edward | 5 | Not issued | 18 | | Paddle, Tyendinaga and Sophiorlay. |
| Rescue | 25 | " | 52 | | Screw, Trenton and Prescott. |
| Arrow | 23 | " | 4 | | " Kingston and Prescott. |
| Argyle { Lake / River | 535 / 800 | June 2 | 700 | | Paddle, Lake Ont. and River St. Law. |
| Niagara { Lake / River | 250 / 450 | " 2 | 396 | | Screw, Toronto and Montreal. |
| Sovereign | 150 | Not issued | 45 | | " Rice lake and tributaries. |
| Rideau Queen { River / Canal | 150 / 300 | June 8 | 351 | | " Kingston, Montreal and Ottawa. |
| Eric | 12 | Not issued | 3 | | " " and Prescott. |
| | | 1904. | | | |
| Stranger | 150 | Sept. 10 | 65 | | " " and Montreal. |
| Ivy | 35 | " 10 | 7 | | " Cornwall and Stanley island. |
| | | 1905. | | | |
| Victoria { Cornwall / Prescott | 125 / 186 | June 14 | 58 | | " Kingston and Cornwall. |
| Leone | 20 | " 14 | 4 | | " " Prescott. |
| Antelope | 40 | " 15 | 25 | | " Trenton and Prescott. |
| Brockville { Cornwall / Prescott | 240 / 358 | " 15 | 191 | | " Kingston and Cornwall. |
| International | Freight. | Not issued | 395 | | T. " Ogdensburg and Prescott. |
| Elgin L. Lewis | 120 | " | 50 | | " Lake Simcoe. |
| Caspian | 500 | June 23 | 957 | | Paddle, Charlotte and 1000 Islands. |
| Wherenow | 100 | " 27 | 48 | | Screw, Kingston and Prescott. |
| Stoney Lake | 272 | Not issued | 156 | | " Cos. Victoria and Peterboro. |

M. R. DAVIS,
*Hull Inspector.*

STEAM Vessels Inspected, &c.—Montreal Division—*Continued.*

BOILERS AND MACHINERY—*Continued.*

| Name of Vessel. | Number of Passengers Allowed. | Date Certificate Expires. | Gross Tons. | Tonnage Dues and Inspection Fees Paid. | Class of Vessel and where employed. |
|---|---|---|---|---|---|
| | | 1905. | | $ cts. | |
| Scotsman | 40 | April 26 | 265 | | Screw Ottawa and Montreal. |
| Hall | 50 | " 26 | 247 | | " " " |
| Hebron | | " 26 | 149 | | " " Oswego. |
| Dandy | | " 26 | 46 | | " tug, Ottawa river. |
| Mudpout | | " 26 | 34 | | " " " |
| Rockland | | " 27 | 78 | | " " " |
| Ada | | " 27 | 29 | | " " " |
| Mansfield | 15 | " 27 | 169 | | " ferry, Ottawa and Gatineau Point. |
| Herbert Larkin | | " 28 | 49 | | " tug, St. Lawrence river. |
| Dredge King Edward | | " 28 | 100 | | Dredge, Montreal harbour. |
| Derrick No. 2 | | " 28 | 100 | | Derrick, " " |
| Maria | | " 28 | 31 | | Screw tug, " " |
| Dredge Pontiac | | " 28 | 221 | | Dredge, " " |
| Willie C | | " 29 | 8 | | Screw tug, St. Lawrence river. |
| Dredge No. 4 | | " 29 | 100 | | Dredge, " " |
| Welshman | 25 | May 2 | 156 | | Screw, Montreal and Ottawa. |
| Ottawan | 100 | " 2 | 311 | | " " " |
| Bonito | 10 | " 2 | 17 | | " ferry, Calumet and L'Orignal. |
| Victoria | 300 | " 2 | 188 | | Paddle, Pembroke and Des Joachim. |
| D. B. Mulligan | 40 | " 3 | 77 | | Screw ferry, Pembroke & Allumette Isld. |
| Alex'r Fraser | | " 3 | 320 | | Paddle tug, Upper Ottawa. |
| E. H. Bronson | | " 3 | 285 | | " " " |
| Hercules | | " 4 | 21 | | " " " |
| Pembroke | | " 4 | 194 | | " " " |
| C. B. Powell | | " 4 | 272 | | " " " |
| Hamilton | | " 5 | 320 | | " Chats Lake. |
| J. L. Murphy | | " 5 | 173 | | Screw, " |
| Sampson | | " 5 | 15 | | Paddle tug, " |
| Ida | 40 | " 6 | 247 | | Screw, Montreal and Ottawa. |
| Laprairie | 330 | " 7 | 600 | | Paddle, Montreal and Laprairie. |
| Lyon C | | " 9 | 19 | | Screw tug, St. Lawrence river. |
| | | 1904. | | | |
| British Lion | | Dec. 1 | 25 | | Screw tug, Ottawa river. |
| | | 1905. | | | |
| Sovereign | 700 | May 13 | 637 | | Paddle, Montreal and Carillon. |
| Empress | 800 | " 14 | 678 | | " Ottawa and Grenville. |
| May Flower | 40 | " 14 | 59 | | Stern wheel, Barrys Bay and Palmer. |
| Pontiac | 40 | " 16 | 116 | | Paddle, Chats lake. |
| Madawaska | | " 16 | 15 | | " tug, Chats lake. |
| Amable du Fond | | " 16 | 17 | | " " " |
| G. B. Greene | 600 | " 17 | 255 | | " Deschene lake. |
| G. B. Pattee II. | | " 17 | 51 | | Screw tug, " |
| Albert | | " 17 | 269 | | Paddle tug, " |
| Alva | | " 18 | 27 | | Screw tug, Rideau canal. |
| Agnes | 40 | " 18 | 29 | | " Buckingham and High Rock. |
| Mildred | 25 | " 19 | 15 | | " " " |
| Leon | 15 | " 19 | 15 | | " High Rock and N.-D. du Laus. |
| Duchess of York | 700 | " 20 | 490 | | Paddle, Montreal and Carillon. |
| Maude | 200 | " 21 | 269 | | " " Ottawa. |
| May | | " 21 | 21 | | Screw yacht, St. Lawrence river. |
| Nora | | " 23 | 28 | | " tug, " |
| Dolphin | | " 25 | 70 | | " " Ottawa river. |
| R. P. Flower | 25 | June 9 | 15 | | " ferry, Bout de l'Isle and Charlemagne. |
| Sallabery | 40 | " 10 | 222 | | " Montreal and Valleyfield. |
| Filgate | 320 | " 10 | 425 | | " " Cornwall. |
| Van Woodland | 90 | " 22 | 37 | | " Lake Nipissing. |
| Sparrow | 30 | " 22 | 38 | | " " |
| Zephir | | " 22 | 3 | | " tug, " |
| Booth | 40 | " 22 | 347 | | Paddle, " |

STEAM Vessels Inspected, &c.—Montreal Division—*Concluded.*

BOILERS AND MACHINERY—*Concluded.*

| Name of Vessel. | Number of Passengers Allowed. | Date Certificate Expires. | Gross Tons. | Tonnage Dues and Inspection Fees Paid. | Class of Vessel and where employed. |
|---|---|---|---|---|---|
| | | 1905. | | $ cts. | |
| Nosbonsing | ..... | June 22 | 25 | ..... | Screw tug, Lake Nosbonsing. |
| Queen | ..... | " 23 | 15 | ..... | " yacht, Lake Nipissing. |
| Annie Laurie | ..... | " 23 | 3 | ..... | " " " |
| Carmita | ..... | " 23 | 9 | ..... | " " " |
| Catherine C, | 10 | " 23 | 19 | ..... | " " |
| Empress | ..... | " 24 | 36 | ..... | " tug, " |
| Ladas | ..... | " 24 | 54 | ..... | " " " |
| Monarch | ..... | " 24 | 37 | ..... | Paddle tug, " |
| Osprey | ..... | " 24 | 6 | ..... | Screw fishing, tug, " |
| Fleur de Mai | 10 | " 25 | 7 | ..... | " " |
| Shoofly | ..... | " 25 | 10 | ..... | " " " " |
| Madoc | ..... | " 25 | 8 | ..... | Paddle " " |
| Verva | ..... | " 27 | 55 | ..... | Screw tug, Wanapitae lake. |
| Mahigama | 10 | " 28 | 20 | ..... | " Pembroke and Fort William. |
| Tit Willow | ..... | " 28 | 17 | ..... | " yacht, Upper Ottawa. |
| Total | ..... | ..... | 15464 | | |

WM. LAURIE,
*Steamboat Inspector.*

STEAM Vessels Inspected, &c.—Montreal Division—*Concluded.*

BOILERS AND MACHINERY—*Concluded.*

| Name of Vessel. | Number of Passengers Allowed. | Date Certificate Expires. | Gross Tons. | Tonnage Dues and Inspection Fees Paid. | Class of Vessel and where employed. |
|---|---|---|---|---|---|
| | | 1904. | | $ cts. | |
| Kate | | July 12 | 61 | | Screw tug St. Lawrence river. |
| Gertie | | Aug. 4 | 21 | | " Lachine canal. |
| Windermere | | " 10 | 31 | | Screw, yacht, rivers. |
| Grain Elevator No. 17 | | " 11 | 215 | | " Grain Elevator, Montreal Harbour. |
| St. Peter | 50 | Sept. 1 | 66 | | " tug and pass., " |
| Maggie R. King | | " 9 | 27 | | " " Soulanges canal. |
| Quebec | | " 15 | 108 | | " frt., St. Lawrence river. |
| | | 1905. | | | |
| Aberdeen | 150 | April 5 | 87 | | " tug and pass., Montreal harbour. |
| Dredge No. 4 | | " 5 | 461 | | Dipper dredge, " " |
| Robert Mackay | 150 | " 6 | 129 | | Screw, tug and pass., " " |
| Dredge No. 1 | | " 6 | 100 | | Dipper dredge, " " |
| " No. 3 | | " 13 | 100 | | " " " |
| Derrick No. 4 | | " 13 | 100 | | Derrick, " " |
| " No. 3 | | " 13 | 100 | | " " " |
| Courier | 25 | " 14 | 12 | | Screw, tug and pass., " " |
| Derrick No. 6 | | " 14 | 100 | | Derrick, " " |
| " No. 5 | | " 14 | 100 | | " " " |
| St. Louis | | " 15 | 34 | | Screw, tug, " " |
| Derrick No. 1 | | " 15 | 100 | | Derrick, " " |
| Assistance | | May 2 | 100 | | " " " |
| Dredge No. 2 | | " 2 | 100 | | Dipper dredge, " " |
| Drill Boat | | " 2 | 100 | | Drill boat, " " |
| Armenia | | " 6 | 467 | | Screw, frt., St. Law. riv. and Great lakes. |
| Pile Driver | | " 13 | 100 | | Pile driver, Montreal Harbour. |
| Ta Nit Esq | | " 18 | 5 | | Screw, tug, St. Lawrence river. |
| H. Larosée | | " 23 | 13 | | " " " |
| Hector | | " 23 | 21 | | " " " |
| Dauntless | | June 5 | 81 | | " " St. Law. riv., and Lake Ontario. |
| Grain Elevator No. 9 | | " 9 | 172 | | " Grain elevator, Montreal harbour. |
| " No. 17 | | " 9 | 215 | | " " " " " |
| " No. 16 | | " 9 | 210 | | " " " " " |
| " No. 12 | | " 10 | 183 | | " " " " " |
| " No. 10 | | " 10 | 173 | | " " " " " |
| " No. 6 | | " 10 | 170 | | " " " " " |
| " No. 1 | | " 10 | 165 | | " " " " " |
| " No. 7 | | " 11 | 170 | | " " " " " |
| " No. 13 | | " 11 | 178 | | " " " " " |
| " No. 14 | | " 11 | 181 | | " " " " " |
| " No. 15 | | " 13 | 213 | | " " " " " |
| " No. 18 | | " 13 | 214 | | " " " " " |
| Ida | | " 15 | 26 | | " tug, Lachine canal. |
| Honoré | | " 16 | 22 | | " " Soulanges " |
| Grain Elevator No. 11 | | " 20 | 169 | | " grain elevator, Montreal harbour. |
| " No. 4 | | " 20 | 188 | | " " " " " |
| " No. 2 | | " 20 | 170 | | " " " " " |
| " No. 8 | | " 24 | 80 | | " " " " " |
| " No. 5 | | " 24 | 80 | | " " " " " |
| Plover | | Not issued | | | " tug, Lachine canal. |
| | | | 5,918 | | |

LOUIS ARPIN,
*Steamboat Inspector.*

STEAM Vessels Inspected, &c.—Montreal Division—*Concluded.*

BOILERS AND MACHINERY—*Concluded.*

| Name of Vessel. | Number of Passengers Allowed. | Date Certificate Expires. | Gross Tons. | Tonnage Dues and Inspection Fees Paid. | Class of Vessel and where employed. |
|---|---|---|---|---|---|
| | | 1905. | | $ cts. | |
| Nosbonsing | ..... | June 22 | 25 | ..... | Screw tug, Lake Nosbonsing. |
| Queen | ..... | " 23 | 15 | ..... | " yacht, Lake Nipissing. |
| Annie Laurie | ..... | " 23 | 3 | ..... | " " " |
| Carmita | ..... | " 23 | 9 | ..... | " " " |
| Catherine C, | 10 | " 23 | 19 | ..... | " " |
| Empress | ..... | " 24 | 36 | ..... | " tug, " |
| Ladas | ..... | " 24 | 54 | ..... | " " " |
| Monarch | ..... | " 24 | 37 | ..... | Paddle tug, " |
| Osprey | ..... | " 24 | 6 | ..... | Screw fishing, tug, " |
| Fleur de Mai | 10 | " 25 | 7 | ..... | " " |
| Shoofly | ..... | " 25 | 10 | ..... | " " " " |
| Madoc | ..... | " 25 | 8 | ..... | Paddle " " |
| Verva | ..... | " 27 | 55 | ..... | Screw tug, Wanapitae lake. |
| Mahigama | 10 | " 28 | 20 | ..... | " Pembroke and Fort William. |
| Tit Willow | ..... | " 28 | 17 | ..... | " yacht, Upper Ottawa. |
| Total | ..... | ..... | 15464 | | |

WM. LAURIE,
*Steamboat Inspector.*

STEAM Vessels Inspected, &c.—Montreal Division—*Concluded.*

BOILERS AND MACHINERY—*Concluded.*

| Name of Vessel. | Number of Passengers Allowed. | Date Certificate Expires. | Gross Tons. | Tonnage Dues and Inspection Fees Paid. | Class of Vessel and where employed. |
|---|---|---|---|---|---|
| | | 1904. | | $ cts. | |
| Kate | | July 12 | 61 | | Screw tug St. Lawrence river. |
| Gertie | | Aug. 4 | 21 | | " Lachine canal. |
| Windermere | | " 10 | 31 | | Screw, yacht, rivers. |
| Grain Elevator No. 17. | | " 11 | 215 | | " Grain Elevator, Montreal Harbour. |
| St. Peter | 50 | Sept. 1 | 66 | | " tug and pass., " |
| Maggie R. King | | " 9 | 27 | | " " Soulanges canal. |
| Quebec | | " 15 | 108 | | " frt., St. Lawrence river. |
| | | 1905. | | | |
| Aberdeen | 150 | April 5 | 87 | | " tug and pass., Montreal harbour. |
| Dredge No. 4 | | " 5 | 461 | | Dipper dredge, " " |
| Robert Mackay | 150 | " 6 | 129 | | Screw, tug and pass., " " |
| Dredge No. 1 | | " 6 | 100 | | Dipper dredge, " " |
| " No. 3 | | " 13 | 100 | | " " " |
| Derrick No. 4 | | " 13 | 100 | | Derrick, " " |
| " No. 3 | | " 13 | 100 | | " " " |
| Courier | 25 | " 14 | 12 | | Screw, tug and pass., " " |
| Derrick No. 6 | | " 14 | 100 | | Derrick, " " |
| " No. 5 | | " 14 | 100 | | " " " |
| St. Louis | | " 15 | 34 | | Screw, tug, " " |
| Derrick No. 1 | | " 15 | 100 | | Derrick, " " |
| Assistance | | May 2 | 100 | | " " " |
| Dredge No. 2 | | " 2 | 100 | | Dipper dredge, " " |
| Drill Boat | | " 2 | 100 | | Drill boat, " " |
| Armenia | | " 6 | 467 | | Screw, frt., St. Law. riv. and Great lakes. |
| Pile Driver | | " 13 | 100 | | Pile driver, Montreal Harbour. |
| Ta Nit Esq | | " 18 | 5 | | Screw, tug, St. Lawrence river. |
| H. Larosée | | " 23 | 13 | | " " " |
| Hector | | " 23 | 21 | | " " " |
| Dauntless | | June 5 | 81 | | " " St. Law. riv., and Lake Ontario. |
| Grain Elevator No. 9. | | " 9 | 172 | | " Grain elevator, Montreal harbour. |
| " No. 17. | | " 9 | 215 | | " " " " " |
| " No. 16. | | " 9 | 210 | | " " " " " |
| " No. 12. | | " 10 | 183 | | " " " " " |
| " No. 10. | | " 10 | 173 | | " " " " " |
| " No. 6. | | " 10 | 170 | | " " " " " |
| " No. 1. | | " 10 | 165 | | " " " " " |
| " No. 7. | | " 11 | 170 | | " " " " " |
| " No. 13. | | " 11 | 178 | | " " " " " |
| " No. 14. | | " 11 | 181 | | " " " " " |
| " No. 15. | | " 13 | 213 | | " " " " " |
| " No. 18. | | " 13 | 214 | | " " " " " |
| Ida | | " 15 | 26 | | " tug, Lachine canal. |
| Honoré | | " 16 | 22 | | " " Soulanges " |
| Grain Elevator No. 11. | | " 20 | 169 | | " grain elevator, Montreal harbour. |
| " No. 4. | | " 20 | 188 | | " " " " " |
| " No. 2. | | " 20 | 170 | | " " " " " |
| " No. 8. | | " 24 | 80 | | " " " " " |
| " No. 5. | | " 24 | 80 | | " " " " " |
| Plover | | Not issued | | | " tug, Lachine canal. |
| Total | | | 5,918 | | |

LOUIS ARPIN,
*Steamboat Inspector.*

STEAM Vessels Inspected in Canada but Registered elsewhere, for the Year ended June 30, 1904.

MONTREAL DIVISION.

| Name of Vessel. | Number of Passengers Allowed. | Date Certificate Expires. | Gross Tons. | Tonnage Dues and Inspection Fees Paid. | Class of Vessel and where employed. |
|---|---|---|---|---|---|
| | | 1904. | | $ cts. | |
| Bratsberg..... | ..... | Sept. 1.. | 1,337 | 114 96 | Screw, freight, sea-going. |
| Transit..... | ..... | Nov. 13.. | 1,334 | 111 72 | " " " |
| Total..... | ..... | ..... | 2,671 | 2 6 68 | |

WM. LAURIE,
*Steamboat Inspector.*

LOUIS ARPIN,
*Steamboat Inspector.*

STEAM Vessels not inspected for the Year ended June 30, 1904.

MONTREAL DIVISION.

| Name of Vessel. | Gross Tonnage. | Reigstered. Tonnage. | Remarks. Why not Inspected and Class of Vessel. |
|---|---|---|---|
| Beatrice B | 59 | 43 | Screw, pass. Not in commission. |
| Marquis of Lorne | 20 | 11 | " " " " |
| Hudson | 45 | 37 | Paddle " " " |
| Union | 75 | 66 | Screw, ferry " " |
| Massawippi | 4 | 3 | " pass. " " |
| Valleyfield | 417 | 280 | T. " " " " |
| Richelieu | 167 | 87 | Paddle " " " |
| West Arm | 27 | 12 | Screw, tug. " " |
| St. Michael | 16 | 10 | Paddle " " " |
| Agnes McMahon | 54 | 37 | Screw " " " |
| Antelope | 83 | 57 | " " " " |
| St. George | 68 | 29 | " " " " |
| Ballantyne | 14 | 6 | Paddle " " " |
| Quinze | 32 | 26 | T. Screw, tug. " " |
| H. Trudel | 13 | 5 | Paddle " " " |
| Robert Stoker | 14 | 2 | Screw " " " |
| Jessie | 19 | 13 | " " " " |
| C. W. Denis | 17 | 8 | " " " " |
| Sea Flower | 7 | 5 | " " " " |
| Chummy | 5 | 4 | " " " " |
| Monaco | 10 | 6 | " yacht. " " |
| John Thompson | 5 | 4 | " " " " |
| Juno | 17 | 7 | " " " " |
| Windermere | 31 | 21 | " " " " |
| Tiger | 4 | 3 | " " " " |
| Nama | 41 | 36 | " " " " |
| Glide | 80 | 54 | " ferry. Not yet inspected. |
| Russell | 76 | 45 | " tug. " " |
| Aid | 25 | 15 | S. Wheel, tug. " " |
| Nokomis | 25 | 17 | Screw, yacht. " " |
| Coulonge | 18 | 12 | Paddle, tug. " " |
| Dredge Otto | 100 | ... ..... | Dredge. " " |
| Leo | 2 | 1 | Screw, ferry. " " |
| T. Osborne | 25 | 18 | " tug. " " |
| Seaborn | 30 | 20 | " yacht. " " |
| Total | 1,645 | 1,000 | |

WM. LAURIE,
LOUIS ARPIN,
*Steamboat Inspectors.*

## STEAM Vessels Inspected for the year ended June 30, 1904.

### SOREL DIVISION.

BOILERS AND MACHINERY.

| Name of Vessel. | Number of Passengers Allowed. | Date Certificate Expires. | Gross Tons. | Tonnage Dues and Inspection Fees Paid. | Class of Vessel and where employed. |
|---|---|---|---|---|---|
| | | 1905. | | $ cts. | |
| Fire Fly | 266 | May 1 | 214·41 | | Paddle, pass., Sorel and Berthier. |
| Berthier | 600 | " 1 | 933·77 | | " " Grand Nord & Montreal. |
| Préfontaine | 40 | " 1 | 889·37 | | Screw, pass., Montreal & Quebec. |
| Chambly | 600 | " 1 | 535·49 | | Paddle " " Chambly. |
| Trois Rivières | 1,100 | " 1 | 1,552·05 | | " " " S.A.de Beaup. |
| Terrebonne | 450 | " 1 | 635·72 | | " " " Sorel. |
| Quebec | 750 | " 15 | 3,056 | | " " " Quebec. |
| Canada | 600 | " 15 | 1,768 | | " " " " |
| Saguenay | 400 | " 9 | 991·90 | | " " " Chicoutimi. |
| Beaupré | 800 | " 25 | 2,068·09 | | " " " S.A.de Beaup. |
| Victoria | 30 | April 22 | 343·33 | | Screw " " St. Johns, Que |
| Bohemian | 350 | May 25 | 628·26 | | Paddle " " Prescott, Ont. |
| Mathilda | | April 3 | 114 | | Screw, tug, St. Lawrence river. |
| Alice | | " 7 | 67·17 | | " " " |
| Ethel | | " 11 | 71·94 | | " " " |
| W. C. Francis | | " 18 | 37·98 | | " " Montreal harbour. |
| Julia | | " 19 | 92·21 | | Twin screw, tug, St. Lawrence river. |
| May ex. W. C. Loggie | | " 19 | 21 | | Screw, tug, Montreal harbour. |
| Virginia | | " 19 | 146 | | " " St. Lawrence river. |
| Sincennes | | " 26 | 228·42 | | Paddle " " |
| F. Dupré | | May 3 | 114·48 | | Screw " " |
| C. W. Jones | | " 7 | 48 | | " " attending dredge. |
| Trenton No. 1 | | " 7 | 100 | | Dredge, St. Lawrence river. |
| St. Louis | | April 30 | | | " Richelieu river. |
| De Lévis | | " 30 | | | Twin screw, hydrographic survey. |
| Jessie Hume | | " 30 | | | Screw, govt. steamer attending dredge. |
| Lac St. Pierre | | " 30 | | | Twin screw " " |
| James Howden | | " 30 | | | " " " hydrographic sur. |
| Cartier | | " 30 | | | " " attending dredge. |
| Champlain | | " 30 | | | " " " " |
| Eureka | | " 30 | | | " " " ch. dredge. |
| Emelia | | " 30 | | | " " " dr. & s'vey. |
| St. Francis | | " 30 | 55 | | " tug, attending dredge. |
| St. Jean d'Iberville | | " 30 | | | Govt. screw, tug " " |
| Shamrock | | " 30 | 236·73 | | " " " " " |
| Rodolphe | | " 30 | 116 | | Paddle, tug, Montreal & Three Rivers. |
| Jos. Paul | | " 26 | 20 | | Screw " " " |
| Beatrix | | June 30 | 39·62 | | Paddle, tug, St. Maurice river. |
| St. Roch | | " 30 | 18 | | Screw " " |
| Montmorency | | " 30 | 18 | | " " attending dredge. |
| McNaughton | | April 20 | 137 | | " " Montreal and Quebec. |
| Carmelia | | June 30 | 62·72 | | " " attending dredge. |
| Frontenac | | April 30 | | | " " govt. str. attend. dredge. |
| Daisy | | May 11 | 15 | | " " " " " |
| Hudson | | April 30 | 158·18 | | Paddle " Montreal and Quebec. |
| Como | | June 30 | 75·11 | | " " St. Irénée & Murray bay. |
| Rival | | " 3 | 125 | | " " Montreal and Chambly. |
| Virginia | 600 | May 15 | 1,701·13 | | " pass. " Chicoutimi. |
| Spray | 25 | June 9 | 106·56 | | Screw " " Quebec. |
| Cultivateur | 700 | May 21 | 362·20 | | Paddle " " St. Helène Isl. |
| Hamilton | 375 | June 20 | 937·87 | | " " " Hamilton. |
| Algerian | 400 | " 20 | 914·02 | | " " Quebec. |
| Bourgeois | 40 | " 30 | 94·34 | | " " Three Rivers & St. Grég. |
| Marie Louise | 10 | " 28 | 5·66 | | Screw " Shawinigan & Almaville. |
| Glacial | 40 | " 30 | 109 | | " " Three Rivers & Ste. Angèle. |
| Samson | 40 | " 29 | 93·55 | | " " Grandes Piles & La Tuque. |
| Hosanna | 40 | " 9 | 89·41 | | " " Montreal and Quebec. |

STEAM Vessels Inspected, &c.—Sorel Division—*Concluded.*

BOILERS AND MACHINERY—*Concluded.*

| Name of Vessel. | Number of Passengers Allowed. | Date Certificate Expires. | Gross Tons. | Tonnage Dues and Inspection Fees Paid. | Class of Vessel and where employed. |
|---|---|---|---|---|---|
| | | 1905. | | $ cts. | |
| Dream | 40 | June 29 | 27·44 | ..... | Screw, tug Grandes Piles & La Tuque. |
| St. Maurice | 40 | " 29 | 44·72 | ..... | " " " " |
| St. Louis | .... | July 14 | 16·80 | ..... | " " " " |
| High Rock | .... | " 12 | 8 | ..... | " " " " |
| Florence | ..... | " 15 | 17·77 | ..... | " " " " |
| Luciana | ..... | Not regis. | ..... | ..... | " " Lachine canal. |
| Zephir | ..... | " | ..... | ..... | " " Montreal & Ste. Geneviève. |
| Hercule | ..... | " | ..... | ..... | " " " Quebec. |
| St. Antoine | ..... | ..... | 14·38 | ..... | " pass., Richelieu river. |
| Amy | ..... | July 1 | 39·50 | ..... | " tug, attending dredge. |
| Dredge No. 5 | ..... | " 1 | 100 | ..... | Dredge, Three Rivers. |
| Total | ..... | ..... | 20,415·30 | ..... | |

ALEXIS RONDEAU,
*Steamboat Inspector.*

STEAM Vessels Inspected in Canada but Registered Elsewhere, for the year ended June 30, 1904.

SOREL DIVISION.

BOILERS AND MACHINERY.

| Name of Vessel. | Number of Passengers Allowed. | Date Certificate Expires. | Gross Tons. | Tonnage Dues and Inspection Fees Paid. | Class of Vessel and where employed. |
|---|---|---|---|---|---|
| | | 1901. | | $ cts. | |
| Carolina..... ... | 600 | Nov. 24.. | 968 70 | ..... | Paddle, pass., Montreal and Chicoutimi. |
| | | 1905. | | | |
| Columbian.. .. .... | 500 | June 5.. | 884·38 | ..... | Screw " " Toronto. |
| Total ..... | .... | ..... | 1,853·08 | ..... | |

ALEXIS RONDEAU,
*Steamboat Inspector.*

STEAM Vessels not Inspected for the year ended June 30, 1904.

SOREL DIVISION.

| Name of Vessel. | Gross. Tonnage. | Registered Tonnage. | Remarks. — Why not Inspected and Class of Vessel. |
|---|---|---|---|
| Iron R ..... ..... | 18 | 12 | Screw, pass., new boiler and machinery being put in. |
| Mary A. Laughlin ..... | 23 | 12 | " tug, under repairs. |
| Dredge No. 4..... | ..... | ..... | Dredge " |
| St. Anne..... | 14 | 10 | Screw, tug, no application. |
| Dredge St. Pierre..... | ..... | ..... | Dredge " |
| Maud ..... | 54 | 34 | Paddle, tug " |
| Arthur..... ..... | 78 | 36 | " " " |
| Plover..... ..... | Not regist'd. | ..... ... | Screw " tied up by government orders. |
| Blandford. ..... .. .. | 65·36 | 26 74 | Not yet inspected. |
| Total ..... . | 252·36 | 130·74 | |

ALEXIS RONDEAU,
*Steamboat Inspector.*

STEAM Vessel Inspected for the year ended June 30, 1904.

QUEBEC DIVISION.

BOILERS AND MACHINERY.

| Name of Vessel. | Number of Passengers. Allowed. | Date Certificate Expires. | Gross Tons. | Tonnage Dues and Inspection Free Paid. | Class of Vessel and where employed. |
|---|---|---|---|---|---|
| | | 1904. | | | |
| Onteritze | | July 10 | 18 | | S., tug, Lake St. Joseph. |
| Arizona | 10 | " 10 | 9 | | S., steam yacht, Lake St. Joseph. |
| Swallow | | " 11 | 9 | | S., tug, Lake Edward. |
| Grace | 10 | " 11 | 4 | | S., steam yacht, Lake Edward. |
| Kiskissink | 10 | " 13 | 3 | | S., " " " Kiskissink. |
| Roberval | 40 | " 1 | 126 | | S., Roberval & Peribonca. |
| Nord | 20 | " 1 | 56 | | S., " " |
| Mistassini | 40 | " 1 | 249 | | P., Lake St. John. |
| Le Colon | 40 | " 1 | 173 | | P., " " " |
| Peribonca | | " 1 | 179 | | P., tug " " |
| St. Henri | | " 1 | 101 | | S., " " " |
| St. Louis Metabatchouan | | " 1 | 30 | | S., " " " |
| Alcyon | 20 | " 1 | 49 | | S., Chicoutimi basin. |
| Marie Louise | 20 | " 1 | 92 | | P., " river. |
| Forest | | " 1 | 26 | | S., tug " " |
| St. Antoine | | " 1 | 14 | | S., yacht, Chambly river. |
| Missisquoi | 260 | " 1 | 159 | | S., Montreal and Birlington. |
| Mersey | | | 60 | | Tug. |
| Little Emely | | | 6 | | S., tug, Quebec harbour. |
| Admiral | 150 | Aug. 5 | 682 | | P., River Quelle and Murray bay. |
| Lilly H | | " 6 | 19 | | S., tug, River du Loup. |
| Bella | 40 | " 7 | 43 | | P., Croix Pt. and Campbellton. |
| Oak Bay | | " 7 | 27 | | S., tug, Restigouche river. |
| Christiana | | " 7 | 57 | | S., " " " |
| Nelly H | 10 | " 9 | 8 | | S., Peninsula and Gaspé. |
| Restigouche | 200 | " 9 | 945 | | S., Dalhousie " " |
| Fearless | | " 10 | 10 | | S., tug, Pabos river. |
| Maggie Allard | | " 14 | 6 | | S., " La Nouvelle. |
| George U. Smith | | " 18 | 24 | | S., " Metapedia river. |
| Queen | 450 | " 24 | 367 | | S., Quebec and Levis. |
| Pilot | 450 | " 24 | 426 | | S., " " " |
| Maccannamac | 10 | " 26 | 4 | | S., yacht, Spider lake. |
| Campania | | " 26 | 23 | | S., tug, Lake Megantic. |
| Jubilee | 30 | " 26 | 25 | | S., " " |
| L'Amie | | " 27 | 16 | | S., " " Aylmer. |
| Hunkidori | | " 27 | 9 | | S., " " St. Francis. |
| Dot | | " 28 | 8 | | S., " " " |
| Lucia | | Sept. 1 | 41 | | S., " Montreal harbour. |
| Arthur | | July 15 | 78 | | P., " Lake Sorel and Louisville. |
| Maud | | Sept. 8 | 50 | | P., " atttending dredge. |
| Batiscan | | " 8 | 40 | | P., " Batiscan. |
| Shearly | | Aug. 10 | 37 | | S., " Matane river. |
| Thor | | Sept. 19 | 323 | | P., " Saguenay river. |
| Kenogamie | | " 20 | 21 | | S., " " " |
| Dama | 10 | " 22 | 54 | | S., " Escoumains and Trois Pistoles. |
| Margota | | " 23 | not reg. | | S., " Pleasure yacht. |
| L'Aiglon | | " 26 | 11 | | S., " Quebec Harbour. |
| | | 1905. | | | |
| Victor | | May 17 | 35 | | S., tug, " " |
| Marie Josephine | 20 | Apl. 1 | 117 | | S., Montreal and Gulf. |
| Savoy | 100 | " 1 | 348 | 27 84 | S., " " foreign ports. |
| Restigouche | 200 | " 1 | 945 | | S., " " St. J. Newfoundland. |
| Stord | 25 | " 1 | 648 | 51 84 | S., " " foreign ports. |
| King Edward | 125 | " 1 | 355 | | S., " " Gulf. |
| Campana | 400 | May 1 | 1,697 | | S., " " Pictou. |
| North | 450 | " 1 | 289 | | P., ferry, Quebec and Lévis. |
| South | 450 | " 1 | 349 | | P., " " " |

STEAM Vessels Inspected for the year ended June 30, 1904.

QUEBEC DIVISION.

BOILERS AND MACHINERY.

| Name of Vessel. | Number of Passengers Allowed. | Date Certificate Expires. | Gross Tons. | Tonnage Dues and Inspection Free Paid. | Class of Vessel and where employed. |
|---|---|---|---|---|---|
| | | 1905. | | | |
| Alpha | 20 | May 1 | 61 | | S., Quebec and coasting. |
| Rhoda | 155 | " 1 | 182 | | P., mail tender, Rimouski. |
| Frontenac | 555 | " 1 | 304 | | T. S., Quebec and St. Romuald. |
| Champion | 612 | " 1 | 482 | | P., Quebec and Berthier. |
| Contest | 100 | " 1 | 231 | | P., " " Gulf. |
| Orleans | 530 | " 1 | 269 | | S., " " Orleans island. |
| Gaspesien | 43 | " 1 | 490 | | S., Montreal and Sydney, C.B. |
| Douro | 100 | " 1 | 432 | | S., Quebec and Sydney, C.B. |
| | | 1904. | | | |
| Admiral | 200 | May 1 | 681 | | P., Dalhousie and Gaspé. |
| | | 1905. | | | |
| Lord Strathcona | 15 | " 1 | 495 | | T.S., Montreal and foreign ports. |
| Orion | | | 846 | | |
| St. Croix | 550 | " 7 | 506 | | P., Quebec and St. Croix. |
| Florence | | " 9 | 133 | | S., wrecking sch., Gulf. |
| George W. Smith | | " 10 | 24 | | S., tug, Lake Metapedia. |
| Frankie H | | " 1 | 17 | | S., " Bay des Chaleurs. |
| Two Brothers | | " 13 | 23 | | S., " Quebec harbour. |
| M. E. Hackett | 40 | " 13 | 78 | | S., " " " |
| Etoile | 591 | " 13 | 560 | | P., Quebec and Montreal. |
| Victor | | " 17 | 35 | | S., tug, Quebec Harbour. |
| Polino | 20 | " 17 | 807 | | S., Montreal and St. Johns, N'fld. |
| E. B. Eddy | | " 18 | 78 | | S., tug, St Lawrence river. |
| Onteritze | | June 1 | 18 | | S., " Lake St. Joseph. |
| Arizona | 10 | " 1 | 9 | | S., yacht, Lake St. " |
| Grace | 10 | " 4 | 4 | | S., " " Edward. |
| Swallow | | " 6 | 9 | | S., tug, " " |
| Harold | | " 7 | not reg. | | S., " " Kiskissink. |
| Kiskissink | | " 7 | 3 | | S., " " " |
| St. Louis | 500 | " 11 | 428 | | P., Montreal and Quebec. |
| Diver | | " 14 | 86 | | S., wrecking sch., Montreal and Gulf. |
| Jack | | " 21 | 31 | | S., tug, Montmagny basin. |
| Pilot | 450 | " 22 | 427 | | S., Quebec and Levis. |
| Amanda | | " 27 | 11 | | S., tug, Quebec harbour. |
| Corinne | | May 28 | 23 | | S., " " " |
| Thor | | " 27 | 323 | | P., " " and Chicoutimi. |
| Fabiola | | " 31 | 81 | | S., wrecking schooner. |
| St. Charles | | " 25 | 23 | | S., tug, Quebec harbour. |
| St. Pierre (Dredge) | | Sept. 8 | 204 | | Batiscan river. |
| Total | | | 17,900 | 79 68 | |

JOS. SAMSON.

STEAM Vessels Inspected in Canada but Registered elsewhere for the year ended June 30, 1904.

QUEBEC DIVISION.

BOILERS AND MACHINERY.

| Name of Vessel. | Number of Passengers Allowed. | Date Certicate Expires. | Gross Tons. | Tonnage Dues and Inspection Fees Paid. | Class of Vessels and where employed. |
|---|---|---|---|---|---|
| | | 1905. | | | |
| Savoy ..... | 100 | April 1.. | 348 | 27 84 | S., Montreal and foreign ports. |
| Stord .. . ..... | 25 | " 1.. | 648 | 51 84 | S., " " " " |
| King Edward. ..... | 125 | " 1.. | 355 | .... . | S., " " Gulf. |
| | | | 1,351 | 79 68 | |

JOS. SAMSON.

## STEAM Vessels Inspected, for the Year ended June 30, 1904.

### QUEBEC AND MONTREAL DIVISION.

HULL INSPECTION.

| Name of Vessel. | Number of Passengers Allowed. | Date Certificate Expires. | Gross Tons. | Tonnage Dues and Inspection Fees Paid. | Class of Vessel and where employed. |
|---|---|---|---|---|---|
| | | 1904. | | $ cts. | |
| Alma | 40 | July 6 | 43 | | Screw, excursion yacht around Sorel. |
| Samson | 40 | " 4 | 93 | | Twin screw, Grand Piles and La Tuque |
| St. Maurice | 40 | " 4 | 95 | | Screw " " |
| Dream | 40 | " 4 | 27 | | " " " |
| Como | 40 | " 6 | 75 | | Paddle, Three Rivers and Nicolet. |
| Glacial | 40 | " 7 | 109 | | Screw " Ste. Angèle. |
| Bourgeois | 40 | " 7 | 94 | | Paddle " St. Grégoire. |
| Arizona | 10 | " 10 | 9 | | Screw, on Lake St. Joseph. |
| Grace | 10 | " 11 | 4 | | " " Edward. |
| Kiskisink | 10 | " 13 | 5 | | " " Kiskissink. |
| Mistassini | 40 | " 13 | 249 | | Paddle, Roberval and Grande Decharge. |
| Roberval | 40 | " 14 | 126 | | " " Peribonca. |
| Nord | 20 | " 14 | 56 | | Screw " " |
| Peribonca | 40 | " 15 | 113 | | Paddle, on Lake St. John. |
| Le Colon | 40 | " 15 | 173 | | " " " |
| St. Henri | Unfit for | passengers | | | Screw " " |
| Alcyon | 20 | July 17 | 42 | | " Chicoutimi and St. Anne. |
| Marie Louise | 20 | " 18 | 99 | | Paddle, in Saguenay river. |
| Florida | 25 | Aug. 12 | 201 | | Twin screw, Montreal and Quebec. |
| St. Peter | 150 | July 27 | 44 | | Screw, Montreal harbour. |
| Courier | 25 | " 27 | 12 | | " " " |
| St. Louis | 500 | " 24 | 428 | | Paddle, Quebec and Montreal. |
| Advance | 10 | " 28 | 1,030 | | Screw, Duluth " |
| Hazel E | 10 | " 28 | 13 | | " on Lake Memphremagog. |
| Lady of the Lake | 680 | " 28 | 607 | | Paddle, Newport and Georgeville. |
| Massawipi | 10 | " 29 | 4 | | Screw, on Lake Massawipi. |
| Admiral | 250 | Sept. 25 | 682 | | Paddle, Murray Bay and River Ouelle |
| Lillie H | Unfit for | passengers | 19 | | Screw, River du Loup. |
| Bella | 40 | Aug. 7 | 43 | | Paddle, Campbellton and Cross Point. |
| Restigouche | 314 | " 9 | 945 | | Screw, Dalhousie and Gaspé. |
| Nellie H. | 10 | " 9 | 8 | | " in Gaspé Bay. |
| Jubilee | 30 | " 26 | 25 | | " Megantic wharf and Woburn. |
| Maccanamac | 10 | " 26 | 4 | | " club house and Spider lake. |
| D. A. Martin | Unfit for | passengers | 78 | | " Turtle Portage and Birch lake. |
| R. Hurdman | 40 | Sept. 4 | 93 | | " on Lake Kippewa. |
| Alice | 40 | " 4 | 26 | | " " " |
| Clyde | 25 | " 5 | 29 | | " Temiscaming and N. Temiscaming |
| Geisha | 25 | " 8 | 20 | | " New Liskeard and Tomstown. |
| Swan | 10 | " 8 | 12 | | " " White river. |
| Meteor | 250 | " 4 | 299 | | " Temiscaming and N. Temiscaming |
| Little Roxy | 10 | " 4 | 12 | | " N. Temiscaming and White river |
| Temiscamingue | 40 | " 11 | 295 | | " Temiscaming and N. Temiscaming |
| Jubilee | 40 | " 5 | 54 | | " " New Liskeard. |
| Surveyor | 30 | " 14 | 50 | | " Lachine and Caughnawaga. |
| Missisquoi | 260 | " 15 | 160 | | " Montreal and Burlington. |
| Dama | 10 | " 21 | 55 | | " Escoumains and Trois Pistoles. |
| Pilot | 450 | Oct. 12 | 427 | | " ferry, Quebec and Lévis. |
| Queen | 450 | " 12 | 367 | | " " " " |
| Polaris | 450 | " 13 | 533 | | " " " " |
| | | 1905. | | | |
| Marie Josephine | 20 | April 1 | 117 | | " Montreal and Gulf. |
| Restigouche | 200 | " 1 | 945 | | " " St. John, Nfld. |
| J. H. Hacket | 40 | May 1 | 117 | | " Quebec and Murray bay. |
| Alpha | 20 | " 1 | 61 | | " Anticosti and Quebec. |
| Campana | 400 | " 1 | 1,697 | | Twin screw, Montreal and Pictou. |
| South | 450 | " 1 | 349 | | Paddle, ferry, Quebec and Lévis. |
| North | 450 | " 1 | 289 | | " " " " |
| Rhoda | 150 | " 1 | 182 | | " Quebec and Rimouski. |
| *Fire Fly* | 266 | " 1 | 214 | | " Sorel and Berthier. |

STEAM Vessels Inspected, &c.—Quebec and Montreal Division—*Continued.*

HULL INSPECTION—*Continued.*

| Name of Vessel. | Number of Passengers Allowed. | Date Certificate Expires. | Gross Tons. | Tonnage Dues and Inspection Fees Paid. | Class of Vessel and where employed. |
|---|---|---|---|---|---|
| | | 1904. | | $ cts. | |
| Préfontaine | 40 | May 1 | 889 | | Twin screw, Montreal and Quebec. |
| Terrebonne | 450 | " 1 | 636 | | Paddle, Montreal and Sorel. |
| Chambly | 600 | " 1 | 535 | | " " Chambly. |
| Berthier | 600 | " 1 | 934 | | " " Three Rivers. |
| Victoria | 30 | " 1 | 343 | | Screw, Montreal and St. Johns, Que. |
| Trois Rivières | 1,100 | " 1 | 1,552 | | Paddle " St. Anne de Beaupré |
| St. Laurent | 244 | " 1 | 546 | | " " Berthier. |
| Armenia | Freight. | " 1 | 467 | | Screw, St. Lawrence River & great lakes |
| Lord Strathcona | 15 | " 1 | 495 | | Twin screw, Montreal and foreign ports. |
| Gaspesien | 40 | " 1 | 490 | | Screw, Montreal and Gaspé. |
| Contest | 100 | " 1 | 274 | | Paddle, Quebec and Gulf. |
| Frontenac | 450 | " 2 | 304 | | Twin screw " St. Romuald. |
| Quebec | 750 | " 3 | 2,656 | | Paddle " Montreal. |
| St. Lawreuce | 100 | " 3 | 432 | | Screw " Natashquan. |
| | | 1904. | | | |
| Admiral | 200 | Sept. 25 | 682 | | Paddle, Dalhousie and Gaspé. |
| Canada | 600 | May 4 | 1,768 | | " Montreal and Quebec. |
| Champion | 541 | " 5 | 482 | | " Quebec and Berthier. |
| Orion | | Not issued | 846 | | Screw, not in commission. |
| Virginia | 600 | May 6 | 1,701 | | Paddle, Montreal and Chicoutimi. |
| St. Croix | 550 | " 7 | 506 | | " Quebec and St. Croix. |
| Etoile | 591 | " 7 | 560 | | " " Montreal. |
| Saguenay | 400 | " 9 | 992 | | " Montreal and Chicoutimi. |
| Orleans | 530 | " 10 | 269 | | Screw, Quebec and Orleans island. |
| Maude | 200 | " 13 | 269 | | Paddle, Montreal and Ottawa. |
| Sorel | 312 | " 13 | 158 | | " " Beauharnois. |
| Salaberry | 40 | " 13 | 222 | | Screw " Valleyfield. |
| Ida | 40 | " 13 | 247 | | " " Ottawa. |
| Hall | 50 | " 13 | 247 | | " " " |
| May Flower | Regis'r not | complete | | | |
| Pontiac | 40 | May 16 | 116 | | Paddle, on Chats Lake. |
| G. B. Greene | 600 | " 17 | 255 | | " Aylmer and Deschenes lake. |
| Mansfield | 15 | " 18 | 169 | | Screw, Ottawa and Hull. |
| Victoria | 300 | " 18 | 181 | | " " Thurso. |
| Empress | 800 | " 18 | 678 | | Paddle " Grenville. |
| Agnes | 40 | " 19 | 29 | | Screw, Buckingham and High Rock. |
| Mildred | 25 | " 19 | 15 | | " not in commission. |
| Léon | 15 | " 19 | 15 | | " High Rock & Notre Dame du Laus |
| Leo | 20 | " 20 | 2 | | " Hawkesbury and Grenville. |
| Bonenfant | 10 | " 20 | 22 | | " Calumet and L'Orignal. |
| Bonito | 10 | " 20 | 17 | | " " " |
| Glide | 40 | " 20 | 80 | | " " Hawkesbury. |
| Laprairie | 330 | " 21 | 600 | | Paddle, Montreal and Laprairie. |
| Cultivateur | 700 | " 21 | 362 | | " " St. Helen's island |
| Duchess of York | 700 | " 21 | 490 | | " " Carillon. |
| Chateauguay | 440 | " 21 | 222 | | " t Beauharnois. |
| Sovereign | 700 | " 23 | 636 | | " " Carillon. |
| John | 40 | " 23 | 34 | | " Carillon and Point Fortune. |
| Garnet | 150 | " 23 | 152 | | " Montreal and Cornwall, |
| Longueuil | 300 | " 24 | 379 | | " " Longueuil. |
| Boucherville | 600 | " 24 | 419 | | " " Boucherville. |
| Robert McKay | 150 | " 24 | 129 | | Screw " harbour. |
| St. Peter | 60 | " 24 | 44 | | " " " |
| Courier | 25 | " 24 | 12 | | " " " |
| Aberdeen | 150 | " 24 | 87 | | " " " |
| Beaupré | 800 | " 25 | 2,068 | | Paddle " and Quebec. |
| Welshman | 25 | " 25 | 156 | | Screw " and Ottawa. |

STEAM Vessels Inspected, &c.—Quebec and Montreal Division—*Concluded.*

HULL INSPECTION—*Concluded.*

| Name of Vessel. | Number of Passengers Allowed. | Date Certificate Expires. | Gross Tons. | Tonnage Dues and Inspection Fees Paid. | Class of Vessel and where employed. |
|---|---|---|---|---|---|
| | | 1904. | | $ cts. | |
| Bohemian | 350 | May 25 | 1,107 | | Paddle, Montreal and Prescott. |
| Ottawan | 100 | " 25 | 311 | | Screw " and Ottawa. |
| Chaffey | 40 | " 26 | 42 | | " Valleyfield and Lancaster. |
| Filgate | 320 | " 26 | 425 | | Paddle, Montreal and Cornwall. |
| Scotsman | 40 | " 26 | 265 | | Screw " Ottawa. |
| Belle | 40 | June 1 | 82 | | " Quebec harbour. |
| Polino | 20 | " 8 | 807 | | " Montreal and St. Johns, Nfld. |
| Spray | 25 | " 9 | 107 | | " " Quebec. |
| Hosanna | 40 | " 9 | 189 | | Not in commission. |
| M. E. Hacket | 40 | " 10 | 78 | | Screw, Quebec harbour. |
| St. Louis | 500 | " 10 | 428 | | Paddle " and Montreal. |
| Spray | 15 | " 18 | 21 | | Screw " harbour. |
| Florida | 40 | " 20 | 201 | | Twin screw, Quebec and Montreal. |
| Hamilton | 375 | " 20 | 938 | | Paddle, Montreal and Toronto. |
| Algerian | 400 | " 6 | 914 | | " Quebec and Hamilton. |
| Booth | 40 | " 22 | 347 | | " on Lake Nipissing, |
| Sparrow | 30 | " 22 | 38 | | Screw, Nipissing Lake and tributaries. |
| Van Woodland | 90 | " 22 | 37 | | " " " |
| Queen | Unfit for | passengers | 15 | | " " " |
| Carmita | 10 | June 23 | 9 | | " on Lake Nipissing. |
| Catherine C. | 10 | " 24 | 19 | | " Sturgeon Falls and river. |
| Ladas | Unfit for | passengers | 54 | | " |
| Empress | " | " | 36 | | " |
| Fleur de Mai | 10 | June 24 | 7 | | " " " |
| Dorothy | Unfit for | passengers | 10 | | " |
| Verva | 40 | June 25 | 55 | | " Wahnapitae lake. |
| Victoria | 400 | " 27 | 188 | | Paddle, Pembroke and Les Joichairs. |
| Mahigama | 10 | " 27 | 20 | | Screw " Fort William. |
| D. B. Mulligan | 40 | " 27 | 77 | | " " Calumet island |
| Marie Louise | 10 | " 28 | 6 | | " Chamenigan and Almaville. |
| Samson | 40 | " 29 | 94 | | Twin screw, Grandes Piles and La Tuqu |
| Dream | 40 | " 29 | 28 | | " " " |
| Se. Maurice | 40 | " 29 | 45 | | " " " |
| Bourgeois | 40 | " 30 | 94 | | Paddle, Three Rivers and St. Grégoir |
| Glacial | 40 | " 30 | 109 | | Screw " St. Angel. |

PHILIPPE DUCLOS,
*Hull Inspector.*

STEAM Vessels Inspected in Canada but Registered elsewhere, for the Year ended June 30, 1904.

QUEBEC AND MONTREAL DIVISION.

HULL INSPECTION.

| Name of Vessel. | Number of Passengers Allowed. | Date Certificate Expires. | Gross Tons. | Tonnage Dues and Inspection Fees Paid. | Class of Vessel and where employed. |
|---|---|---|---|---|---|
| | | 1904. | | $ cts. | |
| Savoy | 100 | April 1 | 348 | 27 84 | Screw, Montreal and foreign ports. |
| King Edward | 125 | May 1 | 355 | ..... | " " " |
| Stord | 25 | April 1 | 648 | 51 84 | " " " |
| Columbian | 500 | June 9 | 884 | ..... | " " Toronto. |
| Carolina | 600 | " 9 | 969 | ..... | Paddle " Chicoutimi. |
| Saphir | Freight. | July 1. | 1,379 | 110 32 | Screw " foreign ports. |

PHILIPPE DUCLOS,
*Hull Inspector.*

## STEAM Vessels Inspected for the year ended June 30, 1904.

### NOVA SCOTIA DIVISION.

BOILERS AND MACHINERY.

| Name of Vessel. | Number of Passengers Allowed. | Date Certificate Expires. | Gross Tons. | Class of Vessel and where employed. |
|---|---|---|---|---|
| | | 1904. | | |
| Avon | 100 | May 14.. | 64·66 | Screw, passenger, Avon river. |
| Parrsboro | ..... | " 14.. | 56·55 | " tug, Minas basin. |
| Glencoe | 40 | June 7.. | 32·21 | " pass., Annapolis basin. |
| Marina | 75 | " 6.. | 32·46 | " " " " |
| Centreville | ..... | " 6.. | 59·71 | " tug, coasting. |
| Alexandra | ..... | " 28.. | 33·67 | " yacht, Halifax harbour. |
| Olive | 40 | July 24.. | 35·49 | " pass., " " |
| Highland Mary | ..... | " 25.. | 73·73 | " lighter, " " |
| Robbie Burns | ..... | " 25 . | 88·95 | " " " " |
| Iona | 23 | " 28.. | 54·27 | " pass., Sydney and Bras d'Or. |
| Hygeia | 190 | " 28.. | 57·69 | " " Sydney Harbour. |
| Marion | 400 | " 28.. | 478·49 | Paddle, " Sydney and Bras d'Or. |
| Alameda | 40 | " 29.. | 62·59 | Screw, pass., Ulira river. |
| Marietta | ..... | " 29.. | 7·04 | " tug, " |
| Vesta | ..... | " 29.. | 9·21 | " " " |
| Eleanor M. Cates | 40 | " 30.. | 58·81 | " pass., Louisburg and Sydney. |
| Vega | 90 | " 31.. | 132·22 | " " Mulgrave and Sydney. |
| Malcolm Cann | 100 | " 31.. | 211·81 | " " coasting. |
| Shannon | ..... | " 31.. | 75·11 | " tug, " |
| Help | ..... | Aug. 4 . | 146·14 | " freight, " |
| Ulala | ..... | " 7.. | 13·70 | " yacht, " |
| Commodore | 30 | July 8.. | 12·84 | " pass., Halifax harbour. |
| Oneita | ..... | Aug. 10.. | 14·96 | " fishing, coasting. |
| Strathcona | 100 | " 11.. | 284·09 | " pass., " |
| Markland | 50 | " 24.. | 21·92 | " " Weymouth and Sandy cove. |
| Westport | 125 | " 25.. | 140·01 | " " coasting. |
| Juno | 40 | " 25.. | 9·29 | " " Yarmouth harbour. |
| Tourist | 30 | " 25.. | 4·42 | " " " " |
| Boston | 550 | " 25.. | 1,694·50 | " " foreign. |
| Yuba | 25 | " 19.. | 12·04 | " " Barrington harbour. |
| Liberty | ..... | " 29.. | 96·21 | " freight, coasting. |
| Bessie and Harry | ..... | " 15.. | 22·49 | " water boat, Halifax harbour. |
| Collector | ..... | Sept. 2.. | 52·02 | " lighter, " " |
| Susie | ..... | May 14.. | 26·83 | " tug, coasting. |
| Clare | ..... | Sept. 9.. | 88·02 | " freight, " |
| L. Boyer | ..... | July 4. | 60·00 | " tug, " |
| Henry Hover | ..... | Sept. 2.. | 54·64 | " " " |
| Anticosti | ..... | " 3.. | 19·00 | " fishing, " |
| Salvor | ..... | " 17.. | 44·93 | " lighter, Halifax harbour. |
| Havana | ..... | " 18.. | 470·98 | " freight, coasting. |
| Wasis | ..... | " 21.. | 480·47 | " " " |
| Star | 15 | July 18.. | 6·07 | " pass., Wallace harbour. |
| Lunenburg | 200 | Sept. 22.. | 265·55 | " " coasting. |
| Yarmouth | 450 | Dec. 18.. | 1,451·92 | " " foreign. |
| Ralph E. S. | ..... | Oct. 10.. | 27·82 | " fishing, coasting. |
| Gambinus | ..... | April 1.. | 28·36 | " lighter, Halifax harbour. |
| Annie | ..... | Oct. 21.. | 42·12 | " water boat, " " |
| Bridgewater | 225 | " 22.. | 207·80 | " pass., coasting. |
| Wilfrid C. | 60 | " 28.. | 99·26 | " " " |
| Halifax | 240 | Dec. 8.. | 338·42 | Paddle, " Halifax harbour. |
| Aid | ..... | July 17.. | 98·55 | Screw, freight, coasting. |
| Water Witch | ..... | Dec. 30.. | 90·38 | " water boat, Halifax harbour. |
| La Have | ..... | Nov. 13.. | 49·27 | " tug, coasting. |
| | | 1905. | | |
| Coastguard | ..... | Feb. 2.. | 72·23 | " freight, coasting. |
| Harbinger | ..... | " 4.. | 108·56 | " " " |
| Messenger | ..... | " 4.. | 111·53 | " " " |
| Harlaw | 60 | Mar. 16.. | 451·36 | " pass., " |
| Louisburg | ..... | April 17.. | 1,815·60 | " freight, foreign. |
| Pekin | ..... | Mar. 28.. | 84·91 | " " coasting. |

STEAM Vessels Inspected, &c.—Nova Scotia Division—*Continued.*

BOILERS AND MACHINERY—*Continued.*

| me of Vessel. | Number of Passengers Allowed. | Date Certificate Expires. | Gross Tons. | Class of Vessel and where employed. |
|---|---|---|---|---|
| | | 1905. | | |
| ... | ... | Mar. 28.. | 38·98 | Screw, fishing, coasting |
| ... | ... | " 29.. | 26·86 | " " " |
| on ... | 20 | " 29.. | 37·84 | " pass., " |
| ... | ... | " 31.. | 1,450·78 | " freight, foreign. |
| ... | 50 | April 4.. | 1,303·33 | " pass., " |
| ... | 40 | " 4.. | 35·49 | " " Halifax harbour. |
| ... | ... | " 4.. | 26·50 | " freight, coasting. |
| ... | 10 | " 6.. | 12·02 | " pass., Halifax harbour. |
| ... | ... | " 6.. | 7·31 | " fishing, coasting. |
| ... | 60 | " 7.. | 154·43 | " pass., " |
| ... | ... | " 7.. | 38·48 | " tug, " |
| ... | ... | " 7.. | 49·66 | " " " |
| M. ... | 35 | " 7.. | 47·58 | " pass., " |
| ... | ... | " 1.. | 15·20 | " fishing, " |
| ... | ... | " 16.. | 15·27 | " " " |
| ... | 500 | " 20.. | 1,878·88 | " pass., foreign. |
| h. ... | 435 | " 19.. | 311·23 | Paddle, " Halifax harbour. |
| y Butler ... | ... | " 19.. | 66·98 | Screw, freight, coasting. |
| g. ... | 200 | " 20.. | 265·55 | " pass., " |
| itney ... | ... | " 21.. | 62·67 | " tug, " |
| hent. ... | 60 | " 17.. | 198·64 | " pass., " |
| I. Thomas ... | 18 | " 26.. | 211·91 | " " " |
| e. ... | ... | " 26.. | 25·86 | " fishing, " |
| ... | 17 | " 29.. | 146·83 | " pass., " |
| ... | 172 | " 29.. | 74·21 | " " " |
| e. ... | ... | " 30.. | 149·45 | " freight, " |
| ... | 40 | May 2.. | 10·30 | " pass., Pictou harbour. |
| ... | 35 | " 3.. | 61·64 | " " coasting. |
| n. ... | 25 | " 3.. | 35·92 | " " Pictou harbour. |
| ... | 40 | " 3.. | 46·76 | " " Minor waters, P.E.I. |
| eatherspoon. ... | ... | " 3.. | 59·29 | " tug, coasting. |
| ebling ... | 35 | " 4.. | 161·98 | " pass., " |
| ... | ... | April 10.. | 22·14 | " tug, " |
| ... | 200 | " 12.. | 133·74 | " pass., " |
| n. ... | 140 | " 11.. | 80·06 | " " " |
| ... | ... | " 12.. | 8·07 | " fishing, " |
| ... | ... | " 13.. | 12·24 | " " " |
| ... | 20 | " 17.. | 1,063·30 | " pass., foreign. |
| on ... | ... | May 24.. | 1,764·19 | " freight, " |
| ... | ... | " 25.. | 16·06 | " water boat, Sydney harbour. |
| ... | 190 | " 25.. | 57·69 | " pass., " " |
| ... | 400 | " 25.. | 478·49 | Paddle, pass., Sydney and Mulgrave. |
| ... | 100 | " 25.. | 64·34 | Screw, " " harbour. |
| ... | 23 | " 25.. | 54·27 | " " " and Bras d'Or. |
| h. ... | 100 | " 24.. | 153·93 | " " " and Coastwise. |
| ... | 300 | " 25.. | 94·27 | " " " harbour. |
| ... | ... | " 26.. | 41·28 | " freight, coastwise. |
| ... | ... | " 26.. | 70·40 | " tug, " |
| ... | 450 | " 25.. | 106·80 | " pass., Sydney and Bras d'Or. |
| ... | ... | " 26.. | 18·63 | " water boat, Sydney harbour. |
| ... | ... | " 26.. | 29·80 | " yacht, Sydney harbour. |
| ... | 140 | " 27.. | 195·83 | " pass., Bras d'Or Lakes. |
| ann. ... | 125 | " 27.. | 165·55 | " " Mulgrave and coastwise. |
| I. Paint ... | 80 | " 27.. | 88·18 | " " Straits of Canso. |
| ... | 17 | " 12.. | 43·94 | " " Halifax harbour. |
| ... | 550 | June 6.. | 1,694·50 | " " foreign. |
| ... | 25 | " 8.. | 12·04 | " " Barrington harbour. |
| ... | 40 | " 8.. | 14·83 | " " " " |
| ... | 35 | " 9.. | 4·42 | " " Shelburne " |
| ... | ... | " 9 . | 37·25 | " fishing, coastwise. |
| ... | 150 | " 11.. | 57·60 | " pass., Bridgewater and shore. |
| ... | 40 | " 11.. | 35·40 | " " Lunenburg and south. |
| ... | 40 | " 11.. | 19·26 | " " Chester and Mahone. |

STEAM Vessels Inspected, &c.—Nova Scotia Division—*Concluded.*

BOILERS AND MACHINERY—*Concluded.*

| Name of Vessel. | Number of Passengers Allowed. | Date Certificate Expires. | Gross Tons. | Class of Vessel and where employed. |
|---|---|---|---|---|
| | | 1905. | | |
| Chester | | " 14 | 79·50 | Screw, tug, coastwise. |
| Parrsboro | | " 14 | 56·55 | " " " |
| Avon | 100 | " 14 | 64·66 | " pass., Avon river. |
| Evangeline | 150 | " 14 | 69·18 | " " Windsor and Bay of Fundy. |
| Falmouth | | " 14 | 43·03 | " tug, Avon river. |
| Millie K. | | " 14 | 19·85 | " " " |
| Glencoe | 40 | " 15 | 32·21 | " pass., Annapolis river. |
| Marina | 75 | " 15 | 32·46 | " " " basin. |
| Centreville | | " 16 | 59·71 | " freight, coastwise. |
| Ida Lue | 68 | " 16 | 44·51 | " pass., Weymouth and Sandy cove. |
| Alice Maud | | " 16 | 44·84 | " tug, coastwise. |
| Markland | 40 | " 17 | 21·92 | " pass., Yarmouth harbour. |
| Island Gem | 40 | " 17 | 15·62 | " " " " |
| Pastime | 175 | " 20 | 67·71 | " " Halifax harbour. |
| Richard | | May 5 | 465·60 | " freight, coastwise. |
| Total | | | 25,527·56 | |

J. P. ESDAILE,
*Steamboat Inspector, Halifax, N.S.*

STEAM Vessels Inspected in Canada but registered elsewhere, for the Year ended June 30, 1904.

NOVA SCOTIA DIVISION.

BOILERS AND MACHINERY.

| Name of Vessel. | Number of Passengers Allowed. | Date Certificate Expires. | Gross Tons. | Tonnage Dues and Inspection Fees Paid. | Class of Vessel and where employed. |
|---|---|---|---|---|---|
| | | 1904. | | $ cts. | |
| Dalholme | 70 | July 23 | 2,469·74 | 205 60 | Screw, passenger, foreign. |
| Rosalind | 150 | June 23 | 2,567·70 | 213 44 | " " " |
| Chebucto | 400 | July 25 | 578·48 | 54 24 | " " ferry. |
| Orinoco | 140 | Aug. 8 | 2,486·49 | 206 88 | " " foreign. |
| Prince Edward | 600 | Oct. 2 | 1,413·74 | 121 12 | " " " |
| Beta | 75 | Sept. 10 | 1,086·67 | 94 96 | " " " |
| Pro Patria | 60 | Aug. 14 | 759·01 | 68 72 | " " " |
| Ocanio | 75 | " 22 | 1,826 54 | 154 16 | " " " |
| Oruro | 150 | Sept. 15 | 1,919·07 | 161 52 | " " " |
| | | 1905. | | | |
| Britannic | ..... | Mar. 1 | 2,302·45 | 184 16 | " freight, " |
| Amelia | 230 | April 6 | 356·58 | 28 56 | " pass., " |
| Chebucto | 400 | May 9 | 578·48 | 46 24 | " " ferry. |
| Prince George | 600 | " 12 | 2,040·14 | 163 20 | " " foreign. |
| Prince Arthur | 600 | " 12 | 2,041·44 | 163 28 | " " " |
| Prince Rupert | 850 | " 12 | 1,158·44 | 92 64 | Paddle, " coasting. |
| Silvia | 136 | April 21 | 1,707·70 | 136 64 | Screw, " foreign. |
| Bruce | 300 | May 24 | 1,154·59 | 92 40 | " " " |
| Alert | ..... | " 24 | 105·39 | 8 40 | " freight, coasting. |
| C. M. Winch | ..... | " 25 | 87·72 | 7 04 | " tug, " |
| Viking | 100 | June 1 | 435·87 | 34 88 | " pass., foreign. |
| Olivette | 450 | " 13 | 1,678·17 | 134 24 | " " " |
| Rosalind | 150 | " 18 | 2,567·70 | 205 44 | " " " |
| Total | ..... | ..... | 29,322·11 | 2,577 76 | |

J. P. ESDAILE,
*Steamboat Inspector, Halifax, N.S.*

## STEAM Vessels not Inspected for the Year ended June 30, 1904.

### NOVA SCOTIA DIVISION.

BOILERS AND MACHINERY.

| Name of Vessel. | Gross Tonnage. | Registered Tonnage. | REMARKS. — Why not Inspected and Class of Vessel. |
|---|---|---|---|
| Gem | 4·69 | 2·12 | Laid up, fishing boat. |
| Jessie Grey | 76·01 | 47·93 | " lighter. |
| Victor | 9·62 | 6·41 | " tug. |
| Dolphin | 12·78 | 8·69 | " " |
| Lenore | 15·23 | 5·43 | " fishing. |
| J. B. Hamblin | 31·71 | 21·56 | " tug and passenger. |
| Rescue | 124·09 | 84·92 | " wrecking tug. |
| Flash | 7·79 | 5·30 | Not yet inspected, passenger. |
| Diamond | 22·65 | 15·41 | Laid up, tug. |
| Merrimac | 85·80 | 26·13 | Not yet inspected, tug and passenger. |
| Vulcan | 18·40 | 12·52 | Laid up repairing boiler, tug. |
| Meadow Flower | 6·56 | 4·46 | " " water boat. |
| Gipsy | 16·70 | 11·37 | " " tug. |
| Bruce | 55·70 | 37·88 | " lighter. |
| Albatros | 31·38 | 18·25 | " yacht. |
| Freddie V | 26·69 | 12·54 | " new boiler, tug. |
| Petrel | 6·36 | 4·31 | " passenger. |
| Alida | 64·18 | 29·52 | " tug. |
| St. Michael | 39·20 | 26·66 | " " new boiler. |
| Lady Glover | 137·51 | 93·51 | " freight and passenger. |
| Albion | 9·14 | 6·22 | Not yet inspected, tug. |
| Total | 802·19 | 481·14 | |

J. P. ESDAILE,
*Steamboat Inspector, Halifax, N.S.*

STEAM Vessels Inspected for the year ended June 30, 1904.

NOVA SCOTIA DIVISION.

HULL INSPECTION.

| Name of Vessel. | Number of Passengers Allowed. | Date Certificate Expires. | Gross Tons. | Class of Vessels and where employed. |
|---|---|---|---|---|
| | | 1904. | | |
| Avon | 100 | May 11.. | 64·66 | Screw, pass., Avon River and Parrsboro'. |
| Glencoe | 40 | June 6.. | 32·21 | " " Annapolis and Granville ferry. |
| Marina | 75 | " 6.. | 32·46 | " " Digby Basin and Annapolis river. |
| Olive | 40 | July 25.. | 35·49 | " " Bedford and Chebucto Head. |
| Iona | 23 | " 28.. | 54·27 | Tug " Sydney Harb. and Grand lake, C. B. |
| Marion | 400 | " 28.. | 478·49 | " " paddle, Sydney and Mulgrave. |
| Hygeia | 190 | " 28.. | 57·69 | Screw, ferry, Sydney and N. Sydney. |
| Alameda | 40 | " 29.. | 42·86 | " excursion, Mira River. |
| Eleanor M. Cates | 27 | " 30.. | 58·81 | " tug, pass., Louisburg and coast. |
| Vega | 90 | " 30.. | 132·22 | " pass., frt., Strait of Canso and C. B. lakes. |
| Malcolm Cann | 100 | " 31.. | 211 81 | " " " Yarmouth and coast. |
| Commodore | 30 | Aug. 11.. | 12 84 | " " " McNab's Island and Bedford. |
| Strathcona | 100 | " 11.. | 284·09 | " " " Halifax coast. |
| Yuba | 25 | " 19.. | 12·04 | " " " Barrington passage. |
| Juno | 40 | " 21.. | 9·29 | " ferry, Yarmouth and Bay View. |
| Westport III. | 125 | " 26.. | 140·01 | " pass., freight, Yarmouth and coast. |
| Havana | ..... | Sept. 21.. | 470·98 | " freight, Canadian and foreign. |
| Star | 15 | " 23.. | 6·07 | " ferry, Wallace and West Wallace. |
| Lunenburg | 200 | " 24.. | 265·55 | " pass., freight, Halifax and coast. |
| Wasis | ..... | " 26.. | 480·47 | " freight, Canadian and foreign. |
| Bridgewater | 225 | Oct. 27.. | 207·78 | " pass., freight, Halifax and coast. |
| Wilfred C | 60 | " 28.. | 99·26 | " " Halifax and coast. |
| Boston | 550 | June 23.. | 1,694·50 | " " tug, Yarmouth and foreign. |
| Goliah | 17 | Nov. 11.. | 146·83 | " " " Halifax and coast. |
| Halifax | 250 | Dec. 8.. | 338·42 | Paddle, ferry, Halifax harbour. |
| Yarmouth | 450 | " 24.. | 1,451·92 | Screw, pass., freight, Canadian and foreign. |
| Mulgrave | 275 | " 30.. | 484·81 | " " Strait of Canso. |
| | | 1905. | | |
| Gertrude M. | 35 | April 7.. | 47·58 | " " freight, Yarmouth coast. |
| La Tour | 60 | " 7.. | 154·43 | " " " " |
| Cacouna | ..... | Mar. 31.. | 1,450·78 | " freight, Canadian and foreign. |
| Olive | 40 | April 4.. | 35·49 | " pass., Bedford and Chebucto Head. |
| | | 1904. | | |
| A. C. Whitney | 100 | July 11.. | 62·67 | " " Halifax harbour. |
| | | 1905. | | |
| Bonavista | 50 | April 4.. | 1,306·33 | " " freight, Canadian and foreign. |
| Halifax | 500 | " 18.. | 1,874·84 | " " " " |
| Dartmouth | 435 | " 19.. | 311·23 | Ferry, paddle, Halifax harbour. |
| J. L. Nelson | 20 | Mar. 29.. | 37·84 | Screw, pass., freight, Halifax and coast. |
| Harlaw | 60 | " 16.. | 451·36 | " " " " |
| Lunenburg | 175 | April 20.. | 205·55 | " " " " |
| Douglas H. Thomas | 18 | " 26. | 211·91 | " " tug " |
| City of Ghent | 60 | " 17.. | 198·64 | " " " |
| Goliah | 17 | " 30.. | 146·83 | " " " " |
| Arcadia | 37 | May 3.. | 61·64 | " " Pictou and coast. |
| Marion | 37 | " 3.. | 10·30 | " ferry " harbour. |
| May Queen | 25 | " 3 . | 35·92 | " tug, pass., Pictou harbour. |
| Arbutus | 40 | " 3. | 46·76 | " pass., minor waters of Nova Scotia. |
| F. W. Robling | 35 | " 5.. | 161·97 | " " tug, Halifax and coast. |
| Loretta | 10 | " 6.. | 12·02 | " " Halifax Harbour and adjacent ports. |
| Percy Cann | 140 | " 11.. | 80·06 | " " Yarmouth and coast. |
| Granville | 200 | " 13.. | 133 74 | " " frt., Bridgetown & coast B. of Fundy. |
| Coban | 20 | April 17.. | 1,063·30 | " " " Canadian and foreign. |
| Cape Breton | ..... | May 25.. | 1,764·19 | " freight " |
| Nelson | 70 | " 25.. | 64·34 | " " pass., B. d'Or lakes & St. of Canso. |
| Marion | 400 | " 25.. | 478·49 | Paddle, tug, pass., Sydney and Mulgrave. |
| Hygeia | 190 | " 25.. | 57·69 | Screw, ferry, Sydney and North Sydney. |
| Iona | 23 | " 25.. | 54·27 | Tug, pass., Sydney Harbour & Grand lakes, C. B. |

STEAM Vessels Inspected, &c.—Nova Scotia Division—*Concluded.*

HULL INSPECTION—*Concluded.*

| Name of Vessel. | Number of Passengers Allowed. | Date Certificate Expires. | Gross Tons. | Class of Vessels and where employed. |
|---|---|---|---|---|
| | | 1904. | | |
| Weymouth | 100 | May 26 | 153·93 | Screw, pass., freight, Sydney and coast. |
| Pawnee | 450 | " 26 | 106·80 | " " " " Bras d'Or lakes. |
| Peerless | 300 | " 26 | 94·27 | " " " " harbour. |
| Blue Hill | 140 | " 27 | 195·85 | " " " Grand lakes. |
| John L. Cann | 125 | " 28 | 165·55 | " " " Mulgrave and coast. |
| Fred. L. M. Paint | 80 | " 28 | 88·15 | " " " Pt. Hawkesb'y & St. of Canso. |
| Louisburg | ..... | April 17 | 1,815·60 | " freight, Canadian and foreign. |
| Mikado | 17 | May 12 | 43·94 | " " pass., Woodside and Richmond. |
| Messenger | 160 | Feb. 4 | 126·73 | " excursion, tug, Yarmouth. |
| Boston | 550 | June 6 | 1,694·50 | " pass., freight, Yarmouth and foreign. |
| | | 1904. | | |
| Yuba | 25 | Sept. 8 | 12·04 | " " " Barrington passage. |
| Carrie | 40 | " 8 | 14·83 | " " Chester and Mahone bay. |
| | | 1905. | | |
| Tourist | 35 | June 9 | 4·42 | " " Yarmouth harbour. |
| Trusty | 150 | " 11 | 57·60 | " " Bridgewater and shore ports. |
| Maggie | 40 | " 11 | 19·26 | " " tug, Lunenburg and south shore. |
| Mascott | 40 | " 11 | 35·40 | " " Lunenburg and shore ports. |
| Avon | 100 | " 14 | 64·66 | " " Avon River and Parrsboro'. |
| Evangeline | 150 | " 14 | 69·18 | " excursion and freight, Avon river. |
| Glencoe | 40 | " 15 | 32·21 | " pass., Annapolis and Granville ferry. |
| Marina | 75 | " 15 | 32·46 | u " Digby Basin and Annapolis river. |
| Ida Lue | 68 | " 16 | 44·51 | " " tug, Weymouth and coast. |
| Markland | 40 | " 16 | 21·92 | " " freight, St. Mary's bay. |
| Island Gem | 40 | " 16 | 15·62 | " " Yarmouth Harbour. |
| Juno | 40 | " 17 | 9·29 | " excursion, Yarmouth and Bay View. |
| Pastime | 175 | " 29 | 67·71 | " " Halifax harbour. |
| Richard | .... | " 30 | 465·60 | " freight, Halifax and coast. |

S. R. HILL,
*Inspector of Hulls and Equipment.*

STEAM Vessels Inspected in Canada, but Registered elsewhere, for the year ended June 30, 1904.

NOVA SCOTIA DIVISION.

HULL INSPECTION.

| Name of Vessel. | Number of Passengers Allowed. | Date Certificate Expires. | Gross Tons. | Tonnage Dues and Inspection Fees Paid. | Class of Vessels and where employed. |
|---|---|---|---|---|---|
| | | 1904. | | $ cts. | |
| Chebucto | 400 | July 25 | 578·68 | 54 24 | Twin screw, ferry, Halifax & Dartmouth. |
| Orinoco | 144 | Aug. 6 | 2,486·49 | 206 88 | Screw, pass., frt., Canadian and foreign. |
| Pro Patria | 60 | " 14 | 759·01 | 68 72 | " " " " |
| Ocamo | 75 | " 17 | 1,826·54 | 154 16 | " " " " |
| Prince Edward | 400 | " 24 | 1,113·74 | 121 12 | " " " " |
| Dahome | 70 | Sept. 4 | 2,469·74 | 205 60 | " " " " |
| Beta | 75 | " 10 | 1,086·67 | 94 96 | " " " " |
| Oruro | 150 | " 17 | 1,919 07 | 161 52 | " " " " |
| | | 1905. | | | |
| Amelia | 230 | April 6 | 356·54 | 28 56 | " " " Halifax and coast. |
| Sylvia | 136 | " 21 | 1,707·70 | 136 74 | " " " Canadian and foreign. |
| Chebucto | 400 | May 9 | 578·48 | 46 24 | Twin screw, ferry, Halifax & Dartmouth. |
| Prince Arthur | 600 | " 12 | 2,041·14 | 163 28 | Screw, pass., frt., Canadian and foreign. |
| Prince George | 600 | " 12 | 2,040·14 | 163 20 | " " " " |
| Prince Rupert | 850 | " 12 | 1,158·44 | 92 64 | " " " Yarmouth and coast. |
| Bruce | 300 | " 24 | 1,154 69 | 91 40 | " " " Canadian and foreign. |
| Viking | 100 | June 1 | 435·87 | 34 88 | " " " " |
| Olivette | 450 | " 13 | 1,678·19 | 134 24 | " " " " |
| Rosalind | 150 | " 18 | 2,567·70 | 205 44 | " " " " |

S. R. HILL,
*Inspector of Hulls and Equipment.*

## STEAM Vessels Inspected for the year ended June 30, 1904.

### NEW BRUNSWICK AND PRINCE EDWARD ISLAND DIVISION.

BOILERS AND MACHINERY.

| Name of Vessel. | Number of Passengers Allowed. | Date Certificate Expires. | Gross Tons. | Tonnage Dues and Inspection Fees Paid. | Class of Vessel and where employed |
|---|---|---|---|---|---|
| | | 1904. | | | |
| Edith | | July 2 | 21·55 | | Screw, Miramichi river. |
| Arthur | | " 2 | 4·99 | | " yacht, Miramichi river. |
| Mascott | | " 2 | 70·50 | | " tug, " " |
| Premier | | " 2 | 8·70 | | " " " " |
| Sarscella | | " 2 | 21·86 | | " " " " |
| Wm. M. | | " 2 | 29·11 | | " " " " |
| Alexandra | 397 | " 2 | 200·72 | | " pass. " " |
| Bridgetown | | " 2 | 14·66 | | " tug, " " |
| Eva | | " 2 | 18·01 | | " " " " |
| Mary Odell | 70 | " 2 | 28·92 | | " " and pass. " " |
| St. Isidore | | " 2 | 141·75 | | Paddle tug, " " |
| St. Andrew | | " 2 | 76·64 | | Screw, " " " |
| St. George | 200 | " 3 | 277·78 | | Paddle, " and pass. " " |
| Sybella H | 40 | " 3 | 70·68 | | " ferry Chatham to Moorfield. |
| Miramichi | 200 | " 3 | 75·18 | | Screw, pass., Miramichi river. |
| St. Kilda | | " 3 | 55·64 | | Paddle, " " |
| Wenonah | | " 3 | 9·02 | | Screw, yacht, " " |
| Lady Dufferin | 40 | " 4 | 47·48 | | Paddle, ferry, Newcastle Chathamhead |
| Rustler | 200 | " 4 | 101·54 | | " tug and pass., Miramichi riv. |
| St. Nicholas | 100 | " 4 | 62·20 | | Screw, tug and pass., Miramichi riv. |
| Laura | | " 4 | 13·55 | | " " Miramichi river. |
| Irene | | " 4 | 10·29 | | " " " " |
| David Ritchie | | " 4 | 25·27 | | " " " " |
| Jubilee | | " 4 | 16·52 | | " " " " |
| Loyalist | | " 4 | 17·57 | | Paddle, " " " |
| Zulu | | " 4 | 17·60 | | " " " " |
| Bessie | | " 4 | 5·18 | | Screw, fish boat, Mir. riv. and bay. |
| Victor | | " 6 | 45·51 | | Paddle, tug, Restigouche river. |
| Squirrel | | " 6 | 13·11 | | Screw, " " " |
| Florence | 25 | " 6 | 19·33 | | " pass. " " |
| Atlas | | " 6 | 15·79 | | " tug " " |
| Ouangondy | 383 | Aug. 5 | 294·75 | | Paddle, ferry, St. John harbour. |
| Borrioboola Gha | | July 6 | 95·77 | | " tug, Restigouche river. |
| Nyanza | 100 | " 7 | 83·21 | | Screw, tug and pass., Bathurst har. |
| St. Lawrence | | " 7 | 50·82 | | " " coasting. |
| Kathleen | | Aug. 14 | 6·01 | | " yacht, St. John river. |
| Flushing | 212 | " 13 | 177·65 | | " tug and pass., St. John river. |
| Beatrice E. Waring | 600 | " 14 | 592·59 | | Stern wheel, St. John riv. and trib. |
| Viking | 150 | " 17 | 127·70 | | Screw, pass., St. Croix riv. and bay. |
| Bessie Ardella | | " 17 | 17·42 | | " tug and fish boat, coasting. |
| Mildred | | Aug. 21 | 40·11 | | " " St. John riv. and har. |
| Scionda | | June 20 | 77·60 | | " yacht, " " " coasting |
| Marguerite | | not issued. | 19·66 | | " pass., " " |
| Lord Roberts | | Aug. 22 | 55·98 | | " tug, " " |
| Waring | | " 22 | 28·74 | | " " " " |
| Dingo | 40 | Sept. 4 | 70·13 | | " " & pass., St. John riv. & ba |
| E. Ross | 40 | " 21 | 29·63 | | " ferry St. John to Lancaster, |
| Aurora | 200 | Oct. 2 | 364·24 | | " pass. " and Grand Mana |
| Springhill | 100 | Sept. 22 | 189·05 | | " tug and pass., coasting. |
| Kingsville | | Oct. 20 | 36·59 | | " " St. John river and bay. |
| Amanda Green | | " 20 | 19·63 | | " " " " " " |
| Aberdeen | 393 | " 21 | 243·86 | | Stern wheel, " " |
| Western Extension | 427 | " 22 | 424·89 | | Paddle, ferry " " " Lanca |
| Westport | 32 | Nov. 19 | 80·09 | | Screw, pass., coasting. |
| Senlac | 300 | Sept. 8 | 1,010·74 | | " " " |
| | | 1905. | | | |
| Maggie M | | Feb. 25 | 65·78 | | " tug, St. John river and bay. |
| Leader | | Mar. 23 | 29·32 | | " " " " " |
| Hercules | | " 19 | 87·11 | | " " " " " |
| Wm. H. Murray | | " 14 | 74·89 | | " " " " " |
| Captain | | " 15 | 68·43 | | " " " " " |

STEAM Vessels Inspected for the year ended June 30, 1904—*Continued.*

NEW BRUNSWICK AND PRINCE EDWARD ISLAND DIVISION—*Continued*

BOILERS AND MACHINERY—*Continued.*

| Name of Vessel. | Number of Passengers Allowed. | Date Certificate Expires. | Gross Tons. | Tonnage Dues and Inspection. Fees Paid. | Class or Vessel and where employed. |
|---|---|---|---|---|---|
| | | 1904. | | | |
| Springfield | 254 | Mar. 23 | 232·73 | | Stern wheel, pass. St. John river. |
| May Queen | 420 | April 2 | 539·40 | | Paddle, pass. " " |
| Majestic | 400 | " 2 | 274·63 | | Screw, pass., " " |
| Nereid | | " 6 | 30·03 | | " tug, " " |
| Joseph | | " 18 | 53·75 | | " " " " |
| Sea King | | " 8 | 128·63 | | " " " " |
| Serena E. | 40 | Mar. 31 | 24 94 | | " " and pass., " " |
| Admiral | | April 7 | 158·20 | | Paddle, tug, " " |
| S. K. King | | " 13 | 45·48 | | Screw, tug, " " |
| Beatrice E. Waring | 600 | " 11 | 592·59 | | Stern wheel, pass. " " |
| Princess | 350 | Mar. 28 | 541·79 | | Screw, pass., P.E.I., N.B. and N.S. |
| Northumberland | 350 | " 28 | 1,255·46 | | T. " " " " " |
| City of London | 250 | " 28 | 515·77 | | " " Charlottetown & coasting |
| Winnie | | April 2 | 12·46 | | " tug, St. John river. |
| Bismark | | " 13 | 49·04 | | Paddle tug. " " |
| Hope | | " 19 | 305·77 | | " " " " |
| Crystal Stream | 293 | " 6 | 482·05 | | " pass. " " |
| Lilly Glasier | | " 7 | 209 31 | | " tug, " " |
| Hero | | " 7 | 127 63 | | " " " " |
| Helen Glasier, | | " 7 | 12·00 | | Screw, tug., " " |
| Fred Glasier | | " 6 | 10·39 | | " " " " |
| Champion | | " 8 | 190·14 | | Paddle, " " " |
| Quiddy | | " 8 | 30·59 | | " " " " |
| Clayton | | " 13 | 42·62 | | Screw, " " " |
| Victoria | 885 | " 18 | 1,001·93 | | Paddle, pass. " " |
| Wee Laddie | | " 19 | 16·60 | | Screw, tug, " " |
| Martello | | " 18 | 33·65 | | " " " " |
| Fannie | | " 18 | 33·44 | | " " " " |
| Maggie Miller | 146 | " 22 | 104·66 | | Paddle, ferry, Millidgeville to Milkish |
| Clifton | 200 | " 20 | 138·21 | | Stern wheel, pass. St. John river. |
| Clymene | | " 30 | 10·39 | | Screw, yacht, " " |
| Bessie Ardella | 40 | May 2 | 17·42 | | " pass., Eastport to St. Stephen. |
| T. A. Stewart | | " 7 | 35·94 | | " tug, St. Peters bay, P.E.I. |
| Electra | 40 | " 9 | 106·96 | | " pas., Mont'gu, Pictou & Ch'tn. |
| Montague | 75 | " 9 | 129·55 | | Paddle, ferry, Georgetown to Mont'gu |
| Elfin | 70 | " 10 | 122·42 | | " " Charlottetown har. |
| Wm. Aitken | 25 | " 10 | 74·87 | | Screw, tug, pass., coasting. |
| Fred M. Batt | 30 | " 10 | 59·90 | | " " " " |
| W. F. McRae. | | " 11 | 45·73 | | " " Charlottetown & coasting |
| R. R. Call | | " 13 | 23·16 | | Paddle, ferry, Miramichi river. |
| St. Isidore | | " 13 | 141·75 | | " tug, coasting. |
| James Holly | | " 19 | 31·21 | | Screw, tug, St. John river. |
| J. D. Hunter | | " 19 | 67·97 | | " " " " & coasting. |
| Killkeel | | not issued. | 252·27 | | " frt. boat " " to N.S. |
| Hamstead | 150 | May 25 | 234·52 | | " pass. " " |
| Beaver | 20 | " 26 | 84·73 | | " " " " |
| Hudson. | | " 27 | 33·59 | | " yacht, coasting. |
| Ida | | June 1 | 3·66 | | " " St. John river. |
| Fanchon | 40 | " 1 | 110·61 | | Paddle, tug and pas., St. John river. |
| Eva Johnson | | " 1 | 15·77 | | Screw, tug, St. John river. |
| Annie Currier | | " 1 | 10·56 | | " " " " |
| Carrie Knight | | not issued. | 5·88 | | " " " " |
| Ernest | | June 1 | 12·58 | | " " " " |
| Randolph | | " 1 | 8·71 | | T. " " " |
| Latona | | " 1 | 22·68 | | " yacht " " |
| Peri | | " 1 | 11·77 | | " tug " " |
| Lord Kitchener | 176 | " 2 | 161·24 | | " " &pass. St. John r. &coast'g. |
| Lillie | 65 | " 4 | 71·64 | | " " " " " " |

STEAM Vessels Inspected, &c.—New Brunswick and P. E. Island Division—*Concluded.*

BOILERS AND MACHINERY—*Concluded.*

| Name of Vessel. | Number of Passengers Allowed. | Date Certificate Expires. | Gross Tons. | Tonnage Dues and Inspection Fees Paid. | Class of Vessel and where employed. |
|---|---|---|---|---|---|
| | | | | $ cts. | |
| Tangent | ..... | June 7.. | 35·74 | ..... | T." tug and pass., St. John river. |
| Brunswick | 40 | " 7.. | 184·27 | ..... | " pass., " " & coastwise. |
| Frederick A | ..... | " 5.. | 31·11 | ..... | " tug, coasting. |
| Nautilus | ..... | " 20.. | 26·58 | ..... | " yacht, St. Croix river. |
| Neptune | 40 | " 22.. | 71·15 | ..... | " tug and pass., St. John river. |
| Scionda | ..... | " 26.. | 77·60 | ..... | " yacht, St. John R. & coasting. |
| Zuleika | ..... | " 30.. | 15·87 | ..... | " " " " " |
| Total | ..... | ..... | 15,532·73 | | |

C. E. DALTON,
*Steamboat Inspector.*

STEAM Vessels Inspected in Canada but Registered elsewhere for the year ended June 30, 1904.

NEW BRUNSWICK AND PRINCE EDWARD ISLAND DIVISION.

BOILERS AND MACHINERY.

| Name of Vessel. | Number of Passengers Allowed. | Date Certificate Expires. | Gross Tons. | Tonnage Dues and Inspection Fees Paid. | Cl |
|---|---|---|---|---|---|
| | | 1904. | | | |
| Calvin Austin | 980 | July 19.. | 3,826·25 | 414 08 | Screw, pass., St. John to Boston. |
| Campobello | 100 | Aug. 18.. | 39·81 | 8 12 | " ferry, Eastport to Lubec. |
| Eastport | 146 | " 18.. | 64·29 | 10 12 | " " " " |
| Lubec | 125 | " 18 . | 50·94 | 9 08 | " " " " |
| Henry F. Eaton | 300 | " 19.. | 240·04 | 27 20 | " pass., Calais to Eastport. |
| St. Croix | 500 | Dec. 10.. | 1,993·58 | 167 52 | " " St. John to Boston. |
| | | 1905. | | | |
| Elaine | 500 | Mar. 21.. | 272·08 | 29 76 | " " " river. |
| Penobscot | 600 | June 11.. | 1,414·02 | 113 12 | Paddle, " " to Boston. |
| Calvin Austin | 980 | " 11.. | 3,826·25 | 306 08 | Screw, " " " |
| | | | 11,727·26 | 985 08 | |

C. E. DALTON,
*Steamboat Inspector.*

STEAM Vessels not inspected for the year ended June 30, 1904.

NEW BRUNSWICK AND PRINCE EDWARD ISLAND DIVISION.

| Name of Vessel. | Gross Tonnage. | Registered Tonnage. | Remarks. — Why not Inspected and Class of Vessel. |
|---|---|---|---|
| Alice | 15·77 | 10·72 | Screw, tug, not applied for. |
| Comet | 20·85 | 13·51 | Paddle, " " " " |
| Gracia Bell | 10·52 | 7·16 | Screw, pleasure yacht laid up. |
| Nelson | 32·80 | 17·02 | " tug, out of district. |
| Powerful | 29·34 | 18·49 | Paddle, " not applied for. |
| Beryl Essie | 23·83 | 16·93 | Screw, " " " " |
| Nellie H. | 7·52 | 5·72 | " " out of district. |
| Vacuna | 9·52 | 6·47 | " " and frt boat not applied for. |
| Wenola | 25·10 | 17·10 | " " not applied for. |
| Storm King | 107·87 | 73·30 | " " and pass., out of district. |
| Total | 283·12 | 186·42 | |

C. E. DALTON,
*Steamboat Inspector.*

STEAM Vessels Inspected for the year ended June 30, 1904.

NEW BRUNSWICK AND PRINCE EDWARD ISLAND DIVISION.

HULL INSPECTION.

| Name of Vessel. | Number of Passengers Allowed. | Date Certificate Expires. | Gross Tons. | Tonnage Dues and Inspection Fees Paid. | Class of Vessel and where employed. |
|---|---|---|---|---|---|
| | | 1904. | | $ cts. | |
| Alexandra.... Coast. / River. | 120 / 397 | July 2.. | 200·72 | ..... | Screw, pass., Miramichi river. |
| St. George..... | 200 | " 2.. | 277·78 | ..... | Paddle, " " " |
| Miramichi. .. Bay .. / River. | 100 / 200 | " 3.. | 75·18 | ..... | Screw, " " " |
| St. Nicholas ..... | 100 | " 3.. | 62·20 | ..... | " " " " |
| Sybella H..... | 40 | " 3.. | 70·68 | ..... | Paddle, ferry, " " |
| Lady Dufferin..... | 40 | " 4.. | 47·48 | ..... | " " " " |
| Rustler.. ..... | 200 | " 4.. | 101·54 | ..... | " pass., " " |
| Mary Odell. ..... | 70 | " 2.. | 28·92 | ..... | Screw, " " " |
| Scow No. 6..... | 200 | " 4.. | 114·00 | ..... | In tow, " " " |
| Florence..... | 25 | " 6.. | 19·33 | ..... | Screw, " Restigouche river. |
| Nyanza. ..... | 100 | " 7.. | 83·21 | ..... | " " Bathurst harbour. |
| Beatrice E. Waring... | 600 | Aug. 14.. | 592·59 | ..... | Stern wheel, pass., St. John river. |
| Flushing ..... | 212 | " 13.. | 177·65 | ..... | Screw, pass., St. John riv. & coasting. |
| Ouangondy..... | 383 | " 5.. | 294·75 | ..... | Paddle, ferry, St. John harbour. |
| Vivian C. (Barge). ... | 125 | " 11.. | 58·00 | ..... | In tow, St. John river. |
| Viking..... | 150 | " 17.. | 127 70 | ..... | Screw, pass., Passamaquoddy bay. |
| Marguerite.. ..... | 35 | Not issued | 19·66 | ..... | " " St. John river. |
| Dirigo..... | 40 | Sept. 4.. | 70·13 | ..... | " " " " |
| Springhill .. Bay .... / Miras B. | 60 / 100 | " 22.. | 189·05 | ..... | " " Minas Basin & coasting. |
| Aurora..... | 200 | Oct. 2.. | 364·24 | ..... | " " St. John & Grand Manan |
| Aberdeen..... | 393 | " 21.. | 243·86 | ..... | Stern wheel, pass., St. John river. |
| Westport..... | 32 | Nov. 19.. | 80·07 | ..... | Screw, pass., coasting. |
| Western Extension.... | 427 | Oct. 22.. | 424·89 | ..... | Paddle, ferry, St. John harbour. |
| Senlac..... | 300 | Sept. 8.. | 1,010·74 | ..... | Screw, pass., " & coasting. |
| | | 1905. | | | |
| Northumberland ..... | 350 | Mar. 28.. | 1,255·46 | ..... | T. screw, pass., Northld. straits. |
| Princess..... | 350 | " 28.. | 541·79 | ..... | " " " " |
| City of London.. . .. | 250 | " 28.. | 515·77 | ..... | " " " " |
| Springfield..... | 265 | " 28.. | 232·73 | ..... | Stern wheel, pass., St. John river. |
| Majestic..... .. | 400 | April 2.. | 274·63 | ..... | Screw, " " " |
| Crystal Stream. ..... | 493 | " 6.. | 482·05 | ..... | Paddle, " " " |
| Victoria..... | 885 | " 18.. | 1,001·93 | ..... | " " " " |
| May Queen..... | 420 | " 2.. | 593·40 | ..... | " " " " |
| Beatrice E. Waring... | 600 | " 11.. | 592·59 | ..... | Stern wheel, St. John river. |
| Clifton..... | 200 | " 20.. | 138·21 | ..... | " " " |
| Maggie Miller..... | 150 | " 22.. | 104·66 | ..... | Paddle, ferry, " " |
| Serena E.... ..... | 40 | Mar. 31.. | 24·94 | ..... | Screw, pass., " " |
| Bessie Ardella..... | 40 | May 2.. | 17·42 | ..... | " " Passamaquoddy bay. |
| Montague ..... . | 75 | " 9 . | 129·55 | ..... | Paddle, ferry, Georgetown harbour. |
| Electra..... ..... | 40 | " 9.. | 106·96 | ..... | Screw, pass., coasting. |
| Elfin. ..... . ... | 70 | " 10.. | 122·42 | ..... | Paddle, ferry, Charlestownh arbour. |
| Wm. Aitken..... | 25 | " 10.. | 74·87 | ..... | Screw, pass., " " |
| Fred M. Batt..... | 30 | " 10.. | 59·90 | ..... | " " " " |
| Acadia..... | 172 | April 29.. | 74·21 | ..... | " " Chal'town H. & coasting. |
| Beaver..... | 20 | May 26.. | 84·73 | ..... | " " St. John & Moncton. |
| Hampstead. ..... | 150 | " 25.. | 234·52 | ..... | " " " river. |
| Fanchon..... .... | 40 | June 1.. | 110·61 | ..... | Paddle, " " " |
| Lord Kitchener Coast. / I. W. | 40 / 200 | " 3.. | 161·24 | ..... | Screw, " " & coasting. |
| Lillie..... Coast. / River. | 30 / 65 | " 4.. | 71·64 | ..... | " " " " |
| Brunswick B. of Fundy / Minas riv. | 40 / 350 | " 7.. | 180·27 | ..... | " " " " |
| Neptune Special ferry / Ordinary.... | 100 / 40 | " 22.. | 71·15 | ..... | " " " & Bay of Fundy. |
| La Tour (Barge) ..... | 40 | " 22.. | 13·00 | ..... | In tow, St. John river. |
| E. Ross ..... | 40 | Sept. 21.. | 29·63 | ..... | Screw, ferry, St. John river. |

I. J. OLIVE, *Hull Inspector, &c.*

STEAM Vessels Inspected in Canada but registered elsewhere, for the year ended June 30, 1904.

NEW BRUNSWICK AND PRINCE EDWARD ISLAND DIVISION.

HULL INSPECTION.

| Name of Vessel. | Number of Passengers Allowed. | Date Certificate Expires. | Gross Tons. | Tonnage Dues and Inspection Fees Paid. | Class of Vessel and where employed. |
|---|---|---|---|---|---|
| | | 1904. | | $ cts. | |
| Calvin Austin..... | 980 | July 18.. | 3,826·25 | 314 08 | Screw, pass., St. John & Boston. |
| Lubec..... | 125 | Aug. 18.. | 50·94 | 9 08 | " " Passamaquoddy bay. |
| Campobello..... | 100 | " 18 . | 39·81 | 8 12 | " " " " |
| Eastport..... | 146 | " 18.. | 64·29 | 10 12 | " " " " |
| Henry F. Eaton ..... | 300 | " 19.. | 240·04 | 27 20 | " " " " |
| St. Croix. ..... | 500 | Dec. 10.. | 1,993·58 | 167 52 | " " St. John & Boston. |
| | | 1905. | | | |
| Elaine..... | 500 | Mar. 21.. | 272·08 | 29 76 | " " St. John river. |
| Penobscot ..... | 600 | June 11.. | 1,414·02 | 113 12 | Paddle, " " & Boston. |
| Calvin Austin..... | 980 | " 11.. | 3,826·25 | 306 08 | Screw, " " " |

I. J. OLIVE,
*Hull Inspector, &c.*

## STEAM Vessels Inspected for the year ended June 30, 1904.

### BRITISH COLUMBIA DIVISION.

BOILERS AND MACHINERY.

| Name of Vessel. | Number of Passengers Allowed. | Date Certificate Expires. | Gross Tons. | Class of Vessel and where employed. |
|---|---|---|---|---|
| | | 1904. | | |
| Spray | ..... | July 7.. | 7·36 | Screw, tug, coasting, British Columbia. |
| Hercules | 50 | " 9.. | 64·68 | " " pass., Kootenay lake. |
| Moyie | 250 | " 9.. | 834·81 | Stern wheel, frt., pass. " |
| Nelson | 125 | " 9.. | 496·01 | " " " " " |
| Kokanee | 200 | " 10.. | 347·50 | " " " " " |
| Haylis | ..... | " 10.. | 43·81 | Screw, tug " |
| Kaslo | 500 | " 10.. | 764·77 | Stern wheel " " " |
| International | 300 | " 11.. | 525·55 | " " " " " |
| Alberta | 200 | " 11.. | 508·15 | " " " " " |
| Argenta | 40 | " 11.. | 206·32 | " " " " Duncan river. |
| Ymir | ..... | " 12.. | 69·74 | Screw, tug, Kootenay lake. |
| Valhalla | 30 | " 12.. | 153·23 | " " pass. " |
| Proctor | ..... | " 12.. | 43·12 | " " " |
| Flirt | ..... | " 12. | 3·58 | " yacht " |
| Pilot | ..... | " 12.. | 7·80 | " tug " |
| Slocan | 300 | " 13.. | 578·03 | Stern wheel, frt., pass., Slocan lake. |
| Sandon | 50 | " 13.. | 96·22 | Screw " " " |
| Arrow | ..... | " 13.. | 4·50 | " tug, Slocan lake. |
| Minto | 250 | " 14.. | 828·91 | Stern wheel, frt., pass., Columbia river. |
| Columbia | ..... | " 14.. | 49·84 | Screw, tug, Columbia river. |
| Irene | ..... | " 14.. | 28·95 | " " " |
| Kootenay | 300 | " 15.. | 1,117·09 | Stern wheel, frt., pass., Columbia river. |
| Lardeau | ..... | " 16.. | 9·60 | Screw, tug, Columbia river. |
| Archer | 40 | " 16.. | 15·32 | " frt., pass. " |
| Blonde | ..... | " 16.. | 32·64 | " tug " |
| Rossland | 300 | " 16.. | 883·55 | Stern wheel, frt., pass., Columbia river. |
| Victoria | 30 | " 17.. | 106·60 | " " " " Trout lake. |
| Idler | ..... | " 17.. | 3·88 | Screw, tug, Trout lake. |
| Ptarmigan | 39 | " 20.. | 246·45 | Stern wheel, frt., pass., Upper Columbia. |
| Selkirk | ..... | " 20.. | 58·49 | " " yacht " |
| Pert | ..... | " 20.. | 6·44 | Screw, tug, frt. " |
| Thompson | ..... | " 22.. | 149·80 | Stern wheel, tug, frt., Shuswap lake. |
| Maude Annis | ..... | " 22.. | 22·54 | Screw, tug, Shuswap lake. |
| Aberdeen | 250 | " 23.. | 554·04 | Stern wheel, frt., pass., Okanagon lake. |
| York | 70 | " 25.. | 134·00 | Twin screw " " " |
| Kelowna | ..... | " 25.. | 65·38 | " " tug " |
| R. P. Ritchet | 81 | April 15.. | 816·69 | Stern wheel, frt., pass., coast., B. Columbia. |
| Joan | 500 | Aug. 8.. | 821·21 | Twin screw " " " " |
| Princess Victoria | 1,000 | " 17.. | 1,943·22 | " " " " " " |
| Danube | 300 | " 18.. | 886·89 | " " " " " |
| Mermaid | 40 | " 12.. | 128·55 | " " " " " " |
| Queen City | 100 | Sept. 8.. | 391·21 | " " " " " |
| Manauense | ..... | " 21.. | 1,672·09 | " " Canadian and foreign. |
| Tees | 125 | Oct. 1.. | 679·15 | " " pass., coast., B. Columbia. |
| Flossie | ..... | " 3.. | 4·64 | " yacht, Fraser River. |
| Charmer | 500 | " 12.. | 1,044·41 | " frt., pass., coast., B. Columbia. |
| Princess Beatrice | 350 | Nov. 19.. | 1,289·51 | " " " " " |
| Mystery | 20 | " 23.. | 64·80 | " tug " " " |
| Delta | ..... | Dec. 14.. | 25·20 | " frt. " " |
| Maude | 15 | " 5.. | 174·99 | " " " " |
| Water Lily | ..... | " 23.. | 73·81 | Stern wheel, water boat, Esquimalt. |
| | | 1905. | | |
| Thistle | 50 | Jan. 2.. | 222·36 | Screw, frt., pass., coast., British Columbia. |
| Sadie | 12 | " 7.. | 49·30 | " tug " " " |
| Otter | 70 | " 8.. | 365·97 | " frt. " " " |
| Ame | ..... | " 23.. | 8·56 | " tug " " |
| Albion | 20 | " 22.. | 88·11 | " " " " " |
| Hope | 12 | " 25.. | 78·49 | " " " " " |
| Moana | 327 | " 30.. | 3,915·00 | " frt. " Canadian and foreign. |

STEAM Vessels Inspected, &c.—British Columbia Division—*Concluded.*

BOILERS AND MACHINERY—*Concluded.*

| Name of Vessel. | Number of Passengers Allowed. | Date Certificate Expires. | Gross Tons. | Class of Vessel and where employed. |
|---|---|---|---|---|
| | | 1905. | | |
| Czar | 17 | Jan. 8 | 152·18 | Screw tug pass., coast., British Columbia. |
| Pilot | 22 | Feb. 5 | 279·05 | " " " " " |
| Ba Boscowitz | | " 11 | 337·92 | " frt. " " " |
| J. L. Card | | " 15 | 141·06 | T " " " " |
| Chieftain | 20 | " 25 | 64·80 | " tug " " " |
| Princess May | 350 | " 23 | 1,393·76 | T " frt. " Canadian and foreign. |
| Wyefield | | " 26 | 3,234·59 | " " " " |
| Constance | | Mar. 10 | 11·17 | " yacht, coasting, British Columbia. |
| Nell | 25 | " 10 | 207·97 | T " frt., pass., coast. " |
| Venture | | " 21 | 654·52 | T " " Canadian and foreign. |
| Lorne | 16 | " 16 | 287·96 | " tug, pass., coast., British Columbia. |
| Oscar | | " 24 | 95·42 | " frt. " " |
| Iroquois | 65 | " 23 | 195·49 | " " " " " |
| Selkirk | 13 | " 23 | 141·63 | " " " " " |
| Alert | | " 1 | 43·81 | " tug " " |
| Daisy | | April 5 | 60·10 | " " " " |
| Athens | | " 12 | 23·21 | " fishing " " |
| Mount Royal | 130 | " 12 | 471·03 | Stern wheel, frt., pass., Skeena river. |
| Edna Grace | | " 18 | 42·09 | Screw, tug, coasting, British Columbia. |
| Victorian | 450 | " 20 | 1,503·64 | " car ferry, Sydney and Fraser river. |
| Trader | 20 | " 18 | 167·18 | " frt., pass., coasting, B. Columbia. |
| Revelstoke | 90 | May 3 | 308·55 | Stern wheel, frt., pass., Big Bend, Columbia river. |
| Yale | | " 4 | 36·28 | Screw, tug, Columbia river. |
| Geo. F. Pipar | | " 4 | 70·15 | " " " |
| Smuggler | | " 5 | 15·97 | " " " |
| Amur | 228 | " 12 | 907·17 | " frt., pass., Canadian and foreign. |
| Bute | | " 16 | 48·86 | " tug, coasting, British Columbia |
| Kootenay | | " 17 | 7·74 | " " Rivers Inlet. |
| R. P. Rithet | 81 | " 9 | 816·69 | Stern wheel, frt., pass, coast., B. Columbia. |
| City of Nanaimo | 500 | " 16 | 761·37 | Twin screw " " " " |
| Yosemite | 400 | " 23 | 1,535·03 | Paddle " " " " |
| Albert Lea | | " 26 | 18·67 | Screw, tug, Barclay sound. |
| Brant | | " 26 | 18·67 | " " " |
| Forager | | June 1 | 89·57 | " frt., coasting, British Columbia. |
| Sunbury | 17 | " 6 | 37·72 | " tug, pass. " " |
| Patsy | | " 7 | 6·99 | " yacht, inland " |
| Colleen Ardre | 25 | " 13 | 4·83 | " gasoline, ferry, Burrard inlet. |
| Dominion | 50 | " 29 | 17.58 | " ferry, Victoria harbour. |
| Total | | | 38,013·09 | |

J. A. THOMSON,
*Steamboat Inspector.*

STEAM Vessels Inspected in Canada but Registered Elsewhere, for the year ended June 30, 1904.

BRITISH COLUMBIA DIVISION.

BOILERS AND MACHINERY.

| Name of Vessel. | Number of Passengers Allowed. | Date Certificate Expires. | Gross Tons. | Tonnage Dues and Inspection Fees Paid. | Class of Vessel and where employed. |
|---|---|---|---|---|---|
| | | 1904. | | $ cts. | |
| Clallan | 500 | July 3.. | 672·00 | 61 76 | Screw, frt., pass., Canadian and foreign. |
| Majestic | 200 | " 9.. | 659·00 | 60 72 | " " " " |
| Cottage City | 273 | Aug. 13.. | 1,885·11 | 158 80 | " " " " |
| Queen | 385 | " 22.. | 2,727·80 | 226 24 | " " " " |
| Ramona | 113 | " 24.. | 1,061·39 | 92 88 | " " " " |
| City of Puebla | 366 | Sept. 2.. | 2,623·88 | 217 92 | " " " " |
| Rosalie | 127 | Nov. 1.. | 318·51 | 33 52 | " " " " |
| | | 1905. | | | |
| Mainlander | 145 | Jan. 27.. | 505·19 | 40 40 | " " " " |
| Whatcom | 200 | Feb. 3.. | 716·00 | 57 28 | " " " " |
| Senator | 417 | April 3.. | 2,409·60 | 192 72 | " " " " |
| Umitilla | 424 | May 12.. | 3,069·76 | 245 60 | " " " " |
| Humbolt | 321 | " 11.. | 1,075·00 | 86 00 | " " " " |
| Valencia | 286 | " 11 . | 1,598·49 | 127 84 | " " " " |
| City of Seattle | 456 | " 14.. | 1,411·05 | 112 88 | " " " " |
| Spokane | 305 | June 20. | 2,036·20 | 162 88 | " " " " |
| City of Topeka | 150 | " 20.. | 1,057·29 | 84 56 | " " " " |
| Total | | | 23,826·27 | 1,962 00 | |

J. A. THOMSON,
*Steamboat Inspector.*

STEAM Vessels not Inspected for the year ended June 30, 1904.

BRITISH COLUMBIA DIVISION.

| Name of Vessel. | Gross Tons. | Registered Tonnage. | Remarks. — Why not Inspected and Class of Vessel. |
|---|---|---|---|
| Denver | 8·51 | 5·79 | Hauled out and laid up. |
| Willapa | 373·09 | 245·00 | Sold, out the country. |
| Ethel Rose | 82·05 | 51·70 | No application. |
| Riffle | 36·62 | 23·08 | " |
| Willie | 82·60 | 55·94 | " |
| Stratchcona | 596·28 | 375·66 | Laid up, machinery out of repair. |
| Don | 4·19 | 2·85 | " out of service. |
| M. S. Dollar | 4,216·00 | 2,674·00 | Trading in foreign parts, not been in port. |
| Total | 5,399·34 | 3,434·02 | |

J. A. THOMSON,
*Steamboat Inspector.*

STEAM Vessels Inspected in Canada but Registered elsewhere for the year ended June 30, 1904.

BRITISH COLUMBIA AND YUKON DIVISION.

BOILERS AND MACHINERY AND HULL.

| Name of Vessel. | Number of Passengers Allowed. | Date Certificate Expires. | Gross Tons. | Tonnage Dues and Inspection Fees Paid. | Class of Vessel and where employed. |
|---|---|---|---|---|---|
| | | | | $ cts. | |
| T. C. Powers | 125 | July 8 | 820 | 73 60 | Stern wheel, frt. & pass., Yukon river. |
| Sarah | 250 | " 26 | 1,211 | 104 88 | " " " " " " |
| Cavelle Young | 50 | Aug. 7 | 506 | 48 48 | " " " " " " |
| Rock Island | 160 | " 3 | 533 | 50 72 | " " " " " " |
| Louise | 150 | " 8 | 718 | 65 44 | " " " " " " |
| John Cudhay | 150 | " 23 | 820 | 73 60 | " " " " " " |
| Will. H. Isom | 250 | " 24 | 983 | 86 64 | " " " " " " |
| Seattle, No. 3 | 160 | " 27 | 548 | 51 84 | " " " " " " |
| Total | | | 6,120 | 550 20 | |

F. M. RICHARDSON,
*Steamboat Inspector, Vancouver, B.C.*

STEAM Vessels not inspected for the year ended June 30, 1904.

BRITISH COLUMBIA AND YUKON DIVISION.

BOILERS AND MACHINERY.

| Name of Vessel. | Gross Tonnage. | Registered Tonnage. | Remarks. — Why not Inspected and Class of Vessel. |
|---|---|---|---|
| Sea Lion | 6 | 4 | No application, screw tug. |
| Winneta | 24 | 16 | " " " |
| On Time | 11 | 4 | " " " |
| Donney | 15 | 10 | Boiler condemned. |
| Hamlin | 514 | 323 | No application, stern wheel, pass., and frt. |
| Edna W | 15 | 10 | " screw yacht. |
| Hubert | 6 | 4 | " " " |
| Surprise | 20 | 13 | " " tug. |
| Rothesay | 553 | 348 | " stern wheel, frt., and pass. |
| Welcome | 32 | 20 | " " " " |
| Thistle | 2 | 2 | " screw tug. |
| Albert Lea | 19 | 13 | " " " |
| Enterprise | 12 | 8 | " " " |
| Total | 1,229 | 775 | |

F. M. RICHARDSON,
*Steamboat Inspector, Vancouver, B.C.*

## STEAM Vessels Inspected for the year ended June 30, 1904.

### BRITISH COLUMBIA DIVISION.

HULL INSPECTION.

| Name of Vessel. | Number of Passengers Allowed. | Date Certificate Expires. | Gross Tons. | Class of Vessel and where employed. |
|---|---|---|---|---|
| | | 1904. | | |
| St. Clair | 25 | April 15 | 68·12 | Screw, tug and pass., coasting, British Columbia |
| Britannia | 300 | May 6 | 325·94 | " " " " " |
| R. P. Rithet | 81 | April 15 | 816·69 | Stern wheel, frt. & pass. Victoria & Fraser river |
| City of Tipella | 12 | May 1 | 18·89 | Screw, freight & pass., coasting, B.C. |
| Joan | 500 | Aug. 8 | 821·21 | T.-screw, " " Vancouver & Nanaimo. |
| Mermaid | 40 | " 12 | 128·55 | " " " coasting, B.C. |
| Princess Victoria | 1,000 | " 14 | 1,943·22 | " Canadian and foreign ports. |
| Lapwing | ..... | " 17 | 150·73 | Screw, freight, coasting, B.C. |
| Danube | 300 | " 18 | 886·89 | " " & pass., coast., B.C. |
| Queen City | 100 | Sept. 8 | 391·21 | " " " " " |
| Manauense | ..... | " 21 | 1,672·09 | " " foreign ports. |
| Tees | 125 | Oct. 1 | 679·15 | " " & pass., coast., B.C. |
| Charmer | 500 | " 12 | 1,064·41 | " " " Victoria and mainland. |
| Etta White | 15 | Nov. 10 | 97·35 | " " " coast., B.C. |
| Favourite | 100 | Oct. 25 | 256·28 | Stern wheel, freight & pass., Fraser river. |
| Cassiar | 300 | Nov. 16 | 597·18 | Screw, freight & pass., coast., B.C. |
| Princess Beatrice | 350 | " 19 | 1,289·51 | " " " Victoria & foreign ports. |
| Mystery | 20 | " 23 | 64·80 | " " " coast, B.C. |
| Mamie | 12 | Aug. 24 | 89·60 | " " " " " |
| Maude | 15 | Dec. 5 | 174·99 | " " " " " |
| | 1905. | | | |
| Thistle | 50 | Jan. 2 | 222·36 | " " " " " |
| Sadie | 12 | " 7 | 49·30 | " " " " " |
| Otter | 70 | " 8 | 365·97 | " " " " " |
| Comox | 140 | " 14 | 101·17 | " " " " " |
| Albion | 20 | " 22 | 88·11 | " " " " " |
| Hope | 12 | " 25 | 78·49 | " " " " " |
| Active | 18 | " 26 | 171·74 | " " " " " |
| Moana | 327 | " 30 | 3,915·00 | " " " B.C. & foreign ports. |
| Transfer | 120 | " 19 | 264·16 | Stern wheel, freight & pass., Fraser river. |
| Halifax | 12 | Feb. 1 | 28·19 | Screw, freight & pass., coast., B.C. |
| Pilot | 22 | " 5 | 279·05 | " tug & pass., " " |
| Czar | 17 | Jan. 8 | 152·18 | " " " " " |
| Britannia | 300 | Feb. 11 | 325·94 | " freight & pass., " " |
| Coquitlam | 75 | " 12 | 256·33 | " tug & pass., " " |
| Robert Dunsmuir | 40 | " 12 | 2 1·75 | T.-screw, frt. & pass., " " |
| Defiance | 39 | " 13 | 89·88 | Screw, " " " " |
| Barbara Boscowitz | 133 | " 15 | 337·92 | " " " " " |
| Princess May | 350 | " 23 | 1,393·76 | T.-screw, " " B.C. & foreign ports. |
| Wyefield | ..... | " 26 | 3,234·59 | Screw, " foreign ports. |
| Chieftain | 20 | Mar. 5 | 64·80 | " " & pass., coast., B.C. |
| Nell | 25 | " 10 | 207·97 | " " " " " |
| Ruth | 12 | " 12 | 70·65 | " " " " " |
| Lorne | 16 | " 16 | 287·96 | " tug " " " |
| Tepic | 15 | " 17 | 70·87 | " " " " " |
| Venture | ..... | " 21 | 654·52 | " freight, B.C. & foreign ports. |
| Native | 10 | " 22 | 51·51 | " " & pass., coast., B.C. |
| Surrey | 50 | " 25 | 263·26 | Paddle, ferry, Fraser river. |
| Selkirk | 13 | " 23 | 141·63 | Screw, freight & pass., coast., B.C. |
| Iroquois | 65 | " 23 | 195·49 | " " " " " |
| Mount Royal | 130 | April 12 | 471·03 | Stern wheel, pass. & freight, Skeena river |
| North Vancouver | 200 | " 13 | 103·83 | Screw, ferry, Burrard Inlet |
| Ramona | 75 | " 15 | 250·79 | Stern wheel, freight & pass., Fraser river. |
| Trader | 20 | " 18 | 167·18 | Screw, freight & pass., coast., B.C. |
| Victorian | 450 | " 20 | 1,503·64 | " " " Sydney & Fraser river. |
| Pheasant | 88 | " 14 | 251·45 | Stern wheel, freight & pass., " " |

STEAM Vessels Inspected, &c.—British Columbia Division—*Concluded.*

HULL INSPECTION—*Concluded.*

| ıme of Vessel. | Number of Passengers Allowed. | Date Certificate Expires. | Gross Tons. | Class of Vessel and where employed. |
|---|---|---|---|---|
| | | 1905. | | |
| t..... | 12 | April 26.. | 85·26 | Screw, freight & pass., coast., B.C. |
| ıda..... | 25 | " 27.. | 72·03 | " " " " " |
| n..... | 34 | May 2.. | 130·92 | " " " " " |
| ıno..... | 64 | " 3.. | 231·14 | " " " " " |
| ·lis..... | 15 | " 4.. | 53·75 | " " " " " |
| ..... | 12 | " 7.. | 10·98 | " " " " " |
| Rithet..... | 81 | " 9.. | 816·69 | Stern wheel, frt. & pass., Victoria and mainland. |
| ..... | 228 | " 12 . | 907·17 | Screw, freight & pass., B.C. & foreign ports. |
| ıede..... | 12 | " 14.. | 11·97 | " " " coast., B.C. |
| ..... | 20 | " 15.. | 36·19 | Stern wheel, ferry, Fraser river. |
| der..... | 24 | " 15.. | 216·10 | " freight & pass., Fraser river. |
| f Nanaimo..... | 500 | " 16.. | 761·37 | T.-screw, " " coast., B.C. |
| ıuver..... | 12 | " 21. | 49·96 | Screw, " " " " |
| r..... | 150 | " 21.. | 545·44 | Stern wheel, " " Fraser river. |
| ıite..... | 400 | " 23.. | 1,525·03 | Paddle, freight & pass., Victoria and mainland. |
| ıce..... | 12 | " 27.. | 12·69 | Screw, " " coast., B.C. |
| f Tipella..... | 12 | " 27.. | 18·89 | " " " " " |
| ix ..... | 30 | " 31.. | 87·18 | " " " " " |

R. COLLISTER
*Hull Inspector.*

TEAM Vessels Inspected in Canada but registered elsewhere or the year ended June 30, 1904.

BRITISH COLUMBIA DIVISION.

HULL INSPECTION.

| ıme of Vessel. | Number of Passengers Allowed. | Date Certificate Expires. | Gross Tons. | Tonnage Dues and Inspection Fees Paid. | Class of Vessel and where employed. |
|---|---|---|---|---|---|
| | | 1904. | | $ cts. | |
| ıı ..... | 500 | July 3.. | 672·00 | 61 76 | Screw, Canadian and foreign ports. |
| tic..... | 200 | " 9 . | 659·00 | 60 72 | " " " " |
| ;e City..... | 273 | Aug. 13.. | 1,885·11 | 158 80 | " " " " |
| ..... | 385 | " 22.. | 2,727·80 | 226 24 | " " " " |
| na..... | 113 | " 24.. | 1,061·39 | 92 88 | " " " " |
| f Puebla..... | 366 | Sept. 2.. | 2,623·88 | 217 92 | " " " " |
| e..... | 127 | Nov. 1.. | 318·51 | 33 52 | " " " " |
| | | 1905. | | | |
| ınder..... | 145 | Jan. 27.. | 505·19 | 40 40 | " " " " |
| ;om..... | 200 | Feb. 3.. | 716·00 | 57 28 | " " " " |
| ;r..... | 417 | April 3.. | 2,409·60 | 192 72 | " " " " |
| oldt..... | 321 | May 11.. | 1,075·00 | 86 00 | " " " " |
| ;ia..... | 286 | " 11.. | 1,598·49 | 127 84 | " " " " |
| lla..... | 427 | " 12.. | 3,069·76 | 245 60 | " " " " |
| f Seattle..... | 456 | " 25.. | 1,411·05 | 112 88 | " " " " |

R. COLLISTER,
*Hull Inspector.*

## STEAM Vessels Inspected for the Year ended June 30, 1904.

### BRITISH COLUMBIA AND YUKON DIVISION.

BOILERS AND MACHINERY.

| Name of Vessel. | Number of Passengers Allowed. | Date Certificate Expires. | Gross Tons. | Class of Vessel and where employed. |
|---|---|---|---|---|
| | | 1903. | | |
| Prospector | 130 | July 2 | 263 | Stern wheel, pass. and frt., Yukon river. |
| Clifford Sifton | 150 | " 6 | 291 | " " " |
| Tyrrell | 150 | " 8 | 678 | " " " |
| Emma Nott | | " 9 | 73 | " freight, Yukon river. |
| Casca | 150 | " 13 | 590 | " pass. and frt., Yukon river. |
| Canadian | 200 | " 13 | 716 | " " " |
| Bailey | 100 | " 13 | 193 | " " " |
| Quick | | " 14 | 67 | " " " |
| Dawson | 175 | " 15 | 779 | " " " |
| Wilbur Crimmin | 70 | " 16 | 168 | " " " |
| Selkirk | 175 | " 17 | 777 | " " " |
| Mary F. Graff | | " 18 | 864 | " " " |
| Yukoner | 175 | " 18 | 781 | " " " |
| White Horse | 175 | " 20 | 987 | " " " |
| Victorian | 175 | " 25 | 716 | " " " |
| Lightning | 100 | Aug. 5 | 557 | " " " |
| J. V. Light | 50 | " 10 | 718 | " " " |
| Golden Crown, No. 1 | | " 19 | | Dredge, Stewart river. |
| Thistle | 130 | " 1 | 225 | Stern wheel, pass. and frt., Yukon river. |
| La France | 130 | " 1 | 201 | " " " |
| Columbian | 175 | Sept. 1 | 716 | " " " |
| Zealandian | 70 | " 3 | 180 | " " " |
| Sybil | 125 | " 3 | 653 | " " " |
| Gleaner | 150 | " 5 | 241 | " " Taku lake. |
| Scotia | 125 | " 6 | 214 | " " Atlin lake. |
| Mabel F | | " 8 | 10 | Screw tug, Bennett. |
| Olive May | | " 9 | 85 | Stern wheel, frt., Lewes river. |
| Joseph Clossett | 50 | " 9 | 147 | " " " |
| New Era | | " 1 | 56 | Screw, frt., B.C. waters. |
| Fingal | | " 22 | 91 | " " |
| Clansman | | " 22 | 72 | " " |
| Staffa | | " 22 | 51 | " " |
| Gipsy | | Oct. 1 | 10 | Screw, tug, " |
| Mamie | 12 | Aug. 24 | 90 | " " |
| Saturna | | Oct. 1 | 22 | " " |
| Lapwing | | " 1 | 151 | " frt., " |
| Ariadne | | " 1 | 14 | " yacht, " |
| Rustler | | " 1 | 13 | " " " |
| Leonora | | " 15 | 33 | " tug, " |
| Squid | | " 26 | 60 | " frt., " |
| Stella | | Nov. 2 | 16 | " tug, " |
| Olive | | " 3 | 71 | Stern wheel, frt., B.C. waters. |
| Kilkonan | | " 5 | 51 | Screw, tug, B.C. waters. |
| Etta White | 15 | " 10 | 97 | " " " " |
| Favorite | 100 | " 25 | 257 | Stern wheel, pass. and frt., Fraser river. |
| Cassiar | 300 | " 20 | 597 | Screw, frt., and pass., B.C. waters. |
| Eva | | " 1 | 40 | " tug, " " |
| Lottie | | " 20 | 29 | " " " " |
| Reliance | | " 15 | 9 | " yacht, " " |
| Senator | | Oct. 28 | 28 | " tug, " " |
| Queen of Pacific | | Dec. 1 | 78 | " frt. " " |
| Belle | | March 1 | 67 | " tug, " " |
| Vigilant | | Dec. 1 | 29 | " " " " |
| Sendai | | " 1 | 14 | " " " " |
| Columbia | | " 20 | 252 | " frt., " " |
| | | 1905. | | |
| Lottie | | Jan. 1 | 29 | " tug, " " |
| Transfer | 120 | " 19 | 264 | Stern wheel, pass., and frt., Fraser river. |

STEAM Vessels Inspected for the Year ended June 30, 1904—*Continued.*

BRITISH COLUMBIA AND YUKON DIVISION—*Continued.*

BOILERS AND MACHINERY—*Continued.*

| Name of Vessel. | Number of Passengers Allowed. | Date Certificate Expires. | Gross Tons. | Class of vessel, and where employed. |
|---|---|---|---|---|
| | | 1905. | | |
| Comox | 60 | Jan. 24 | 101 | Screw, pass., and frt., B.C. waters. |
| Halifax | | " 25 | 28 | " tug, " " |
| Active | 20 | " 25 | 172 | " " " " |
| Britannia | 250—300 | Feb. 4 | 326 | " pass. and frt., " " |
| Chehalis | 15 | May 1 | 54 | " tug, " " |
| Capilano | 25 | Feb. 16 | 231 | " pass., and frt. " " |
| Coquitlam | 75 | " 19 | 256 | " " " " " |
| Lark | | " 23 | 58 | Stern wheel, frt., Fraser river. |
| Robert Dunsmuir | 40 | " 25 | 232 | Screw, pass., and frt., B.C. waters. |
| Defiance | 39 | Mch. 1 | 90 | " " " " " |
| Ruth | 12 | Feb. 1 | 71 | " tug, " " |
| | | 1904. | | |
| Belle | | June 11 | 67 | " " " " |
| | | 1905. | | |
| Fire Fly | | Mch. 3 | 46 | Stern wheel, tug, Fraser river. |
| Esperanza | | " 1 | 31 | Screw, tug, " " |
| Magnet | | " 1 | 24 | " " B.C. waters. |
| Surrey | 50 | " 12 | 263 | Paddle, ferry, Fraser river. |
| Mabel | | Not issued | 5 | Screw, tug, " " |
| Nagasaki | | Mch. 15 | 15 | " " B.C. waters. |
| Stranger | | " 1 | 27 | " " " " |
| Ramona | 75 | " 1 | 251 | Stern wheel. frt., and pass., Fraser river. |
| Fearless | | " 1 | 53 | Screw, tug, B.C. waters. |
| Vancouver | 12 | Sept. 31 | 50 | " " " " |
| Native | 10 | Mch. 15 | 52 | " " " " |
| Tepic | 15 | " 15 | 71 | " " " " |
| Vulcan | | " 1 | 77 | " " " " |
| Iris | | " 1 | 38 | " " " " |
| Brunette | | " 1 | 37 | " " " " |
| Milkmaid | | Not issued | 7 | " " Fraser river. |
| Superior | | Mch. 5 | 44 | " " B.C. waters. |
| Fern | | " 10 | 24 | " " " " |
| Cascade | | " 10 | 119 | " frt. " " |
| Lois | | " 10 | 25 | " tug, " " |
| Glen Rosa | | Apl. 1 | 18 | " " Skeena river. |
| Alice | | Mch. 15 | 35 | " " B.C. waters. |
| Clive | | Apl. 5 | 35 | " " " " |
| St. Clair | | " 5 | 68 | " " " " |
| Burt | | " 7 | 50 | " frt., " " |
| Dauntless | | " 8 | 128 | " tug, " " |
| Lily | | " 11 | 12 | " yacht " " |
| North Vancouver | 200 | " 13 | 104 | " ferry, Vancouver. |
| Evangeline | | " 17 | 14 | " yacht, Albert bay. |
| Swan | | " 18 | 36 | " tug, B.C. waters. |
| Lottie N | | " 20 | 34 | " " Skeena river. |
| Vera | | " 20 | 6 | " " " " |
| Florence | | " 21 | 30 | " " " " |
| Nora | | " 21 | 19 | " " " " |
| Maime | | " 21 | 9 | " " " " |
| Hazelton | 150 | " 22 | 378 | Stern wheel, frt., and pass., Skeena river. |
| Bermuda | 25 | " 26 | 72 | Screw tug, B.C. waters. |
| Unican | 40 | " 27 | 131 | " pass., and frt., B.C. waters. |
| Starling | | " 29 | 8 | " tug, " " |
| Terra Nova | | May 2 | 47 | " frt. " " |
| Comet | 12 | " 1 | 85 | " tug, " " |
| Constance | | " 10 | 50 | " " " " |
| Wellington | | " 10 | 16 | " " Fraser river. |
| Troubadour | | " 10 | 18 | " " B.C. waters. |
| Clara Young | | " 10. | 31 | " " " " |

STEAM Vessels Inspected for the Year ended June 30, 1904—*Concluded.*

BRITISH COLUMBIA AND YUKON DIVISION—*Concluded.*

BOILERS AND MACHINERY—*Concluded.*

| Name of Vessel. | Number of Passengers Allowed. | Date Certificate Expires. | Gross Tons. | Class of Vessel and where employed. |
|---|---|---|---|---|
| | | 1905. | | |
| Antolycus | | May 1 | 25 | Screw tug, B.C. waters. |
| City of Tipella | 12 | " 1 | 19 | " " " " |
| Stampede | 12 | " 12 | 12 | " " " " |
| Queen of Pacific | | " 1 | 78 | " frt., " " |
| Alice | 12 | " 7 | 11 | " pass., Vancouver harbour. |
| Clarence | 12 | " 13 | 13 | " tug, B.C. waters. |
| Flyer | | May 1 | 12 | " " " " |
| Lily | | Apl. 1 | 9 | " " Fraser river. |
| Dorothy | | May 14 | 20 | " " B.C. waters. |
| Pheasant | 88 | Apl. 14 | 251 | Stern wheel, pass., and frt., Fraser river. |
| Tyee | | May 12 | 32 | Screw tug, B.C. waters. |
| Coutli | | " 10 | 99 | " " " " |
| Cleeve | | " 1 | 36 | " " " " |
| Muriel | | " 1 | 44 | " " " " |
| Reliance | | " 2 | 36 | " " " " |
| Phœnix | 30 | " 2 | 87 | " " " " |
| Winnifred | | " 2 | 13 | " " " " |
| Water Lily | | June 1 | 4 | " yacht " " |
| Courser | | " 1 | 161 | Stern wheel, tug, Harrison lake. |
| Minto | 20 | " 1 | 36 | " " frt., and pass., Harrison river. |
| Defender | 30 | " 1 | 216 | " " " " " " |
| Beaver | 150 | May 21 | 545 | " " " " Fraser river. |
| Eagle | | " 1 | 35 | Screw tug, B.C. waters. |
| May Queen | | " 1 | 14 | " " " " |
| Escort, No. 2 | | June 10 | 192 | " " " " |
| Delta | | " 1 | 15 | " " " " |
| Vancouver | 12 | May 21 | 50 | " " " " |
| Dolphin | | June 1 | 20 | " " " " |
| Evoloo | | " 1 | 13 | " yacht, B.C. waters. |
| Colleen Ardre | 20 | " 1 | 5 | " gasoline pass., Vancouver harbour. |
| Surprise | | " 1 | 75 | " frt., B.C. waters. |
| Fraser | | " 1 | 36 | " " " " |
| Uno | | May 1 | 12 | " tug, " " |
| Hong Kong | | " 1 | 36 | " " " " |
| Orillia | | " 1 | 12 | " " " " |
| New Era | 40 | June 1 | 56 | " frt., and pass., B.C. waters. |
| Total | | | 21,298 | |

F. M. RICHARDSON,
*Steamboat Inspector, Vancouver, B.C.*

## STEAM Vessels Inspected for the year ended June 30, 1904.

### KEEWATIN, MANITOBA AND NORTH-WEST TERRITORIES DIVISION.

BOILERS, MACHINERY AND HULL INSPECTION.

| Name of Vessel. | Number of Passengers Allowed. | Date Certificate Expires. | Gross Tons. | Class of Vessel and where employed. |
|---|---|---|---|---|
| | | 1904. | | |
| Wrigley | 40 | July 1 | 104·59 | Screw, pass., frt., Mackenzie river. |
| Eva | | " 1 | 49 28 | " " " " |
| Caribou | | " 1 | 28·65 | " " " " |
| Lillian B. | | " 8 | 6·05 | " frt., Great Slave lake. |
| St. Joseph | | " 31 | 12·06 | " " Mackenzie river. |
| St. Alphonse | | Aug. 1 | 24·94 | Paddle " Slave river. |
| St. Charles | | " 11 | 28·79 | Screw " Peace river. |
| Beaver | | " 27 | 80·25 | " " Saskatchewan river. |
| Mountain Bell | | " 31 | 4·21 | " yacht, Bow river. |
| J. Dudley | | Sept. 11 | 52·47 | " tug, Thunder bay. |
| Iona | | " 21 | 39·15 | " " Lake Winnipegosis. |
| Isabell | | " 21 | 40·73 | " frt. " |
| Lotta S. | | " 21 | 48·03 | " tug " |
| Manitou | 40 | " 21 | 107·79 | " pass., frt. " |
| Wolverine | 35 | " 30 | 278·32 | " " " Winnipeg. |
| Welcome | | Jan. 30 | 36·23 | " tug, Rainy river. |
| Ethel Banning | | Oct. 10 | 37·54 | " " " |
| Chieftain | | " 10 | 36·26 | " " " |
| Beaver | | " 13 | 34·15 | " " Lake of the Woods. |
| Hunter | | " 21 | 11·30 | " " " |
| Carberry | | Nov. 2 | 61·78 | " tug, Lake Manitoba. |
| Argyle | 150 | April 18 | 77·70 | " ferry, Rat Portage and Keewatin. |
| Ethel Banning | | " 21 | 37·54 | " tug, Lake of the Woods. |
| Queen | | " 21 | 31·65 | " " " |
| Catherine S. | 35 | " 29 | 66·60 | " " pass. " |
| Empress | | " 29 | 129·28 | " " " |
| Georgina | | May 2 | 43·87 | " " Thunder bay. |
| Siskewit | | " 2 | 47·17 | " " " |
| Lulu M. Ray | | " 2 | 32·64 | " " " |
| Jas. Adams | | " 3 | 50·97 | " " " |
| Brothers | | " 3 | 17·50 | " " fish, Lake Superior. |
| J. Dudley | | " 4 | 52·47 | " " Thunder bay. |
| Herbert | | " 4 | 20·13 | " " " |
| A. V. Crawford | | " 5 | 51·40 | " " " |
| Laura Grace | 152 | " 5 | 85·56 | " " pass. " |
| Energy | 200 | " 6 | 116·45 | " " " " |
| Dredge No. 5 | | " 6 | 230·85 | Dredge " |
| Dredge No. 6 | | " 6 | 209·52 | " " |
| Dredge Kingsford | | " 6 | | " " |
| Kenora | 500 | " 9 | 486·34 | Screw, pass., frt., Rat Portage and Fort Francis. |
| Rambler | 25 | " 10 | 25·83 | " " " Lake of the Woods. |
| Heather Bell | 20 | " 10 | 21·18 | " " " " |
| Clipper | 40 | " 10 | 52·95 | " " " " |
| Frank Marshall | | " 10 | 29·76 | " tug, fish " |
| Chieftain | | " 20 | 60·85 | " " " Lake Winnipeg. |
| Premier | 75 | " 20 | 413·99 | " pass., frt. " |
| Idell | | " 20 | 53·92 | " tug, fish " |
| Rocket | | " 20 | 55·61 | " " " " |
| Fisherman | | " 20 | 44·22 | " " " " |
| Ogima | | " 20 | 29·84 | " " " " |
| Daisy | | " 20 | 26·33 | " " " " |
| City of Selkirk | 75 | " 20 | 457·82 | " pass., frt. " |
| Wolverine | 35 | " 20 | 278·32 | " " " " |
| Pitree | 20 | " 16 | 167·86 | " " " Manitoba. |
| Alexandra | 250 | " 18 | 163 57 | Paddle, pass., frt., Red river. |
| Cygnet | | " 20 | 20·76 | Screw, fish tug, Lake Winnipeg. |
| Princess | 20 | " 20 | 405·44 | " pass., frt. " |
| Frank Burton | | " 20 | 93·74 | " survey " |
| Balmoral | | " 20 | 36·93 | " fish tug " |
| Lady of the Lake | 25 | " 20 | 201·43 | " pass., frt. " |
| Tempest | | " 20 | 74·66 | " tug " |
| Viking | 10 | " 20 | 17·17 | " pass., frt., Selkirk and Gimli. |

STEAM Vessels Inspected, &c.—Keewatin, Manitoba and North-west Territories Division—*Concluded.*

BOILERS, MACHINERY AND HULL INSPECTION—*Concluded.*

| Name of Vessel. | Number of Passengers Allowed. | Date Certificate Expires. | Gross Tons. | Class of Vessel and where employed. |
|---|---|---|---|---|
| | | 1905. | | |
| Angler | ..... | May 20 | 16·16 | Screw, fish tug, Lake Winnipeg. |
| Inez | 20 | " 26 | 59·10 | " pass., tug, Thunder bay. |
| Redwing | 75 | " 28 | 23·14 | " " frt., Selkirk and Gimili. |
| Edith | ..... | " 30 | 42·95 | " tug, Lake of the Woods. |
| Scud | ..... | " 31 | 32·05 | " " " |
| Ethel | 25 | " 31 | 20·20 | " pass., frt. " |
| Sport | ..... | " 31 | 16·26 | " tug, Winnipeg river. |
| Day Star | ..... | June 2 | 13·47 | " yacht, Lake of the Woods. |
| Daisy Moore | ..... | " 3 | 38·21 | " tug " |
| Grace B | ..... | " 6 | 20·19 | " " " |
| Shamrock | ..... | " 7 | 79·84 | " " " |
| D. L. Mather | ..... | " 7 | 103·32 | " " " |
| Chieftain | ..... | " 9 | 36·26 | " " Rainy river. |
| City of Alberton | ..... | " 10 | 67·54 | " " " lake. |
| Mohican | 10 | " 10 | 34·20 | " pass., tug, Rainy lake. |
| Welcome | ..... | " 10 | 36·23 | " tug " |
| Margaret | ..... | " 11 | 5·75 | " yacht " |
| Agwinde | 125 | " 11 | 307·41 | Paddle, pass., frt. " |
| Algoma | ..... | " 13 | 68·59 | Screw, tug " |
| Maple Leaf | ..... | " 15 | 81·84 | " " " |
| Mary Hatch | ..... | " 20 | 121·18 | " " Lake of the Woods. |
| D. A. Gordon | 420 | " 22 | 147·98 | " pass., frt., Thunder bay. |
| Wapiti | 30 | " 24 | 18·11 | " " Lake of the Woods. |
| Northern Light | ..... | " 25 | 16·03 | " fish tug, Eagle lake. |
| Gem | ..... | " 25 | 11·08 | " " " " |
| Nord | 10 | " 25 | 20·23 | " pass. " " |
| Josie | ..... | " 25 | 12·42 | " tug " " |
| Galatia | 25 | " 26 | 46·10 | " pass., frt., Lake Wabigoon. |
| Villeneuve | ..... | " 28 | 27·58 | " frt., tug, Winnipeg river. |
| Total | | | 7,165·91 | |

GEO. P. PHILLIPS,
*Steamboat Inspector.*

STEAM Vessels Inspected in Canada but Registered elsewhere, for the year ended June 30, 1904.

KEEWATIN, MANITOBA AND NORTH-WEST TERRITORIES DIVISION.

| Name of Vessel. | Number of Passengers Allowed. | Date Certificate Expires. | Gross Tons. | Tonnage Dues and Inspection Fees Paid. | Class of Vessel and where employed. |
|---|---|---|---|---|---|
| | | 1905. | | $ cts. | |
| America | 370 | May 24.. | 681·37 | 54 48 | Pass., frt., Port Arthur and Duluth. |
| Easton | 200 | " 24.. | 460·00 | 36 80 | " " " " |
| Itasca | 62 | June 12.. | 34·00 | 2 72 | " " Rainy river. |
| Sea Gull | 30 | " 12.. | 32·00 | 1 76 | " " " |
| Total | | | 1,197·37 | 95 76 | |

GEO. P. PHILLIPS,
*Steamboat Inspector.*

STEAM Vessels not Inspected for the year ended June 30, 1904.

KEEWATIN, MANITOBA AND NORTH-WEST TERRITORIES DIVISION.

| Name of Vessel. | Gross Tonnage. | Registered Tonnage. | Remarks. — Why not Inspected and Class of Vessel. |
|---|---|---|---|
| William Whyte | 17·81 | 12·36 | Screw, tug, not in commission. |
| Widgeon | 7·45 | 6·09 | " " " |
| Pastime | 14·82 | 11·45 | " " " |
| Carry L | 14·50 | 7·99 | " " " |
| Kate Marks | 54·13 | 43·09 | " " " |
| Geo. Ward | 2·39 | 1·69 | " " " |
| Gale | 2·83 | 1·93 | " " " |
| Lady Ellen | 18·56 | 12·63 | " " " |
| Hudson Bay Messenger | 8·00 | 5·72 | " " " |
| Annie Mc | 13·42 | 11·10 | " " no application. |
| Rambler | 6·14 | 2·94 | " " " |
| Circo | 2·83 | 1·93 | " " " |
| Osprey | 21·12 | 13·97 | " " " |
| Mikado | 24·92 | 16·86 | " " " |
| Little Bobs | 13·19 | 8·97 | " " to be inspected. |
| Cruiser | 26·92 | 15·56 | " " " |
| Undine | 9·46 | 6 44 | " " " |
| Gordon M | 3·10 | 2·01 | " " " |
| Sultana | 3·35 | 2·74 | " " " |
| Dolphin | 12·63 | 8·58 | " " " |
| Zena | 3·69 | 2·96 | " fish tug " |
| Maud C | 5·16 | 3·25 | " " " |
| Swan | 7·76 | 5·50 | " " " |
| Maple Leaf | 5·21 | 3·55 | " " " |
| Highlander | 95 24 | 39·11 | " " " |
| Iland | 30·49 | 20·42 | " " " |
| Orcadia | 23·16 | 15·75 | " " " |
| Rose May | 3·60 | 1·74 | " " " |
| Viking | 15·25 | 10·36 | " " " |
| Widgeon | 2·21 | 1·56 | " tug " |
| Klondike | 8·05 | 4·00 | " " " |
| Silver Spray | 1·53 | 0·93 | " " " |
| Pioneer | 16·44 | 8·44 | " " " |
| Superior | 80·51 | 70·81 | " " " |
| St. Joe | 117·64 | 80·01 | " barge " |
| Monarch | 113·09 | 51·06 | Paddle, tug " |
| Wm. Cross | 21·66 | 16·31 | Screw, pass., frt. " |
| Minneola | 9·20 | 5·90 | " tug " |
| Irene | 9·71 | 6·20 | " " " |
| Dolly | 2·77 | 2·00 | " " " |
| Primrose | 8·40 | 6·06 | " " too far to go this year, N.W.T. |
| Graham | 260·39 | 233·71 | Paddle, pass., frt. " " |
| Alphgo | 7·50 | 4·68 | Screw, tug " " |
| Edna Brydges | 176·05 | 119·72 | " pass., not in commission. |
| Majestic | 135·22 | 94·93 | " " " |
| Total | 1,437·50 | 1,003·01 | |

GEO. P. PHILLIPS,
*Steamboat Inspector.*

STATEMENT of the Number of Steam Vessels added to the Dominion during the Year ended June 30, 1904, their Class and Horse power, whether of Wood or Iron; their Gross and Registered Tonnage; where built; and where and how employed.

WESTERN ONTARIO DIVISION.

| Name of Vessel. | Horse power. | Class. | Wood, Iron, or Steel. | Gross Tonnage. | Registered Tonnage. | Where built. | Where and how employed. |
|---|---|---|---|---|---|---|---|
| Turbinia | 437·50 | 3 screws | Steel | 1,064 | 634 | Hebburn-on-Tyne, G.B. | Lake Ontario, passenger. |
| Tom Fawcett | 28·16 | Paddle | Composite | 224 | 98 | Toronto, Ont. | Kingston and vicinity. |
| Tadousac | 106·30 | Screw | Steel | 2,359 | 1,452 | " | Great Lakes, pass. and frt. |
| City of New York. | 19·20 | " | Wood | 292 | 199 | Cleveland, O. | " freight. |
| J. E. Mills | 8·53 | " | " | 149 | 64 | Marysville, M. | Sarnia and vicinity. |
| Com. Jarvis | 11·26 | Tw. screw | " | 287 | 97 | Bronte, Ont. | Lake Ontario, freight. |
| Thames | 2·70 | Paddle | " | Not | regist'd. | Chatham, Ont. | Chatham and vicinity. |
| Manistigue | 56·43 | Screw | " | 474 | 322 | Gibraltar, M. | Great Lakes, tug. |
| National | 1·87 | " | " | 18 | 12 | Toronto, Ont. | Toronto bay. " |
| Salvor | 56·53 | " | " | 126 | 72 | Bay City, M. | Great Lakes, " |
| Hector | 13·33 | " | " | 66 | 45 | P. Colborne, O | Welland Canal, tug. |
| Maude | 3·50 | " | " | 19 | 13 | Wallaceb'rg, O | Wallaceburg & vicinity, tug |
| D. McLeod | 10·66 | " | " | 36 | 25 | Goderich, Ont. | Lake Huron, fishing tug. |
| J. B. McLeod | 3·33 | " | " | 25 | 17 | Southampt'n O | " " |
| Saida | 1·63 | " | " | 14 | 10 | Dunnville, Ont | Lake Erie " |
| You and I | 4·03 | " | " | 25 | 17 | P. Maitland, O | " " |
| Victoria K | 13·50 | " | " | 41 | 28 | Goderich, Ont. | Lake Huron, " |
| Iris | 4·10 | " | " | 16 | 9 | Hamilton, " | Georgian bay, pleasure y't. |
| Zara | 2 13 | " | " | 35 | 24 | Port Rowan, O | Lake Erie, " |
| Total | 784·75 | | | 5,270 | 3,107 | | |

JOHN DODDS,
*Steamboat Inspector, Toronto.*

WESTERN ONTARIO DIVISION.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Maple Leaf | 6·00 | Screw | Wood | Register | not | produced. | Lake of Bays, passenger. |
| Maniwa | 8·91 | " | " | 12 | 7 | Kingston, Ont. | Muskoka Lakes, yacht. |
| Linnia | 0·53 | " | " | 5 | 3 | Toronto, Ont. | " " tug. |
| Willowdee | 13·06 | " | " | 14 | 9 | Kingston, " | " " yacht. |
| Rulo | 5·00 | " | " | 9 | 6 | " " | " " " |
| Edith Ann | 5·00 | " | " | 11 | 7 | " " | " " " |
| Oriska | 2·66 | " | " | 6 | 4 | " " | " " " |
| Mildred | 9·95 | " | Composite | 39 | 25 | Toronto, Ont. | " " " |
| Hepburn | 3·53 | " | Wood | 15 | 10 | Racine, Wis. | " " " |
| Alert | 1·87 | " | " | 9 | 4 | Richards Ld. O | Soo and vicinity, tug. |
| Clara May | 0·85 | " | " | 9 | 6 | Tobermory, O. | Lake Huron, tug. |
| Minnie A. Clark | 10·66 | " | " | 36 | 25 | Goderich, Ont. | " fishing tug. |
| W. D. Matthews | 151·57 | " | Steel | 3,965 | 2,450 | Collingwood, O | Great Lakes, frt., and pass. |
| Midland King | 151·57 | " | " | 3,965 | 2,450 | " " | " " |
| W. H. Price | 2·80 | " | Wood | 13 | 9 | " " | Georgian bay, fishing boat. |
| Emerson | 90·88 | " | Steel | 276 | 188 | " " | Great Lakes, tug. |
| Charlie Jones | 2·70 | " | Wood | 16 | 12 | Owen Sound, O | Georgian bay, fishing boat. |
| Gracie | 13·50 | " | " | 41 | 28 | Goderich, Ont. | Lake Superior, " |
| Leighton McCarthy | 10·66 | " | " | 36 | 25 | Collingwood, O | Georgian bay, " |
| Ethyll Reid | 10·66 | " | " | 36 | 25 | " " | " " |
| J. D. Hamill | 24·00 | " | " | 111 | 36 | Meaford, Ont. | " freight. |
| Agnes Smith | 13·50 | " | " | 57 | 36 | L. Current, O. | North Channel, tug. |
| C. E. Benham | 22·53 | " | " | 140 | 93 | Cleveland, O. | Great Lakes, tug. |
| Jessie M | 1·63 | " | " | 14 | 8 | Algoma Mls, O | North Channel, tug. |
| Waubaushene | 37·50 | " | Steel | 135 | 92 | Collingwood, O | Georgian bay, tug. |
| Maud D | 11 23 | " | Wood | 81 | 51 | Penetang, Ont. | Penetang & P. aux Barils, tug |
| Total | 612·67 | | | 9,051 | 5,649 | | |

E. W. McKEAN,
*Steamboat Inspector, Toronto.*

STATEMENT of the Number of Steam Vessels added to the Dominion during the Year ended June 30, 1904; their Class and Horse power; whether of Wood or Iron; their Gross and Registered Tonnage; where built; and where and how employed.

EAST ONTARIO DIVISION.

| Name of Vessel. | Horse power. | Class. | Wood, Iron or Steel. | Gross Tonnage. | Registered Tonnage. | Where built. | Where and how employed. |
|---|---|---|---|---|---|---|---|
| Bancroft | ·83 | Screw | Wood | 9·56 | 6.51 | Lindsay, Ont. | Steam punt, Lindsay waters. |
| Lassie | 1·20 | " | " | 5·52 | 3·75 | Hastings, Ont. | Yacht, Rice lake. |
| Arthemise | ·83 | " | " | 10·75 | 8·98 | Peterboro', O. | " Otonabee river. |
| C. W. Cole | 4·16 | " | " | 15·50 | 10·54 | Kingston, Ont | Fish tug, Bay of Quinté. |
| Madge | 4·16 | " | " | 7·22 | 5·12 | Picton, Ont. | Yacht " |
| Micheal Davitt. | 8·53 | " | " | 28·24 | 19·21 | Buffalo, N.Y. | Tug, River St. Lawrence. |
| Sovereign | 8·16 | " | " | 44·92 | 36·95 | Peterboro', O. | Pass., Rice lake and trib. |
| Margaret | 7·94 | " | " | ..... | ..... | Kingston, Ont. | Yacht, River St. Lawrence. |
| Eric (gasoline) | ·30 | " | " | 2 86 | 1·94 | " | Pass. " |
| Gonow " | ·53 | " | " | 1·15 | ·78 | Gananoque, O. | " " |
| Lolita " | 1·00 | " | " | 1·70 | 1·16 | " | " " |
| Total | 37·64 | | | 127·42 | 94·94 | | |

THOS. P. THOMPSON,
*Steamboat Inspector.*

MONTREAL DIVISION.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| St. Peter | 16·6 | Screw | Wood | 66 | 41 | Montreal | Montreal har., pass., tug. |
| Pontiac | 2·7 | Paddle | " | 15 | 9 | Simcoe | North river, tug. |
| Alexandra | 92·6 | " | Steel | 417 | 280 | Temiskaming | Temiscamingue lake, tug. |
| Ruby | 1·2 | Screw | Wood | 11 | 9 | Combermere | Madawaska river. |
| Mudpout | 4·8 | Paddle | " | 34 | 25 | Hull | Ottawa river, tug. |
| Ottawan | 17·3 | Screw | Composite | 311 | 167 | Ottawa | " Mont., pass., frt. |
| May Flower | 12·3 | Stern wh'l | Wood | 59 | 38 | Combermere | Madawaska river " |
| G. B. Pattee II. | 6·5 | Screw | " | 51 | 38 | Quyon | Dechêne lake, tug. |
| Grain El. No. 17 | 16·0 | " | Steel | 215 | 132 | Montreal | Montreal har., grain elev. |
| Total | 170· | | | 1,179 | 739 | | |

WM. LAURIE,
LOUIS ARPIN.

NOVA SCOTIA DIVISION.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Parrsboro' | 19·80 | Screw | Wood | 56·55 | 26·28 | Parrsboro, N.S | Screw, tug, Minas basin. |
| Olive | 8·16 | " | " | 35·49 | 24·13 | Dartm'th, N.S | " pass., Halifax har. |
| Help | 29·00 | " | " | 146·14 | 90·04 | Liverpool, N.S | " frt., coasting. |
| Strathcona | 51·00 | " | " | 284·09 | 171 75 | Pt. Clyde, N.S | " pass. " |
| Westport III. | 24·60 | " | " | 140·01 | 49·26 | Shelburne, N.S | " " " |
| Liberty | 18 24 | " | " | 96·21 | 42·30 | Sheet Hb., N.S | " frt. " |
| Clare | 16·06 | " | " | 88·02 | 59·65 | Princep't., N.S | " " " |
| Wasis | 54·00 | " | Iron | 480·47 | 254·71 | Mead'ws., G.B | " " " |
| Waterwitch | 19·80 | " | Wood | 90·38 | 61·46 | Dartm'th, N.S | " waterboat, Hal. har. |
| Coastguard | 16·60 | " | " | 72·23 | 49·12 | Shelburne, N.S | " frt., coasting. |
| Pioneer | 1·87 | " | " | 15·27 | 10·70 | Mah'ne B., N.S | " fishing " |
| Mary Jane | 9·63 | " | " | 25·86 | 17·58 | Moank, U.S.A | " " " |
| Granville | 24·00 | " | " | 133·74 | 49·31 | Shelburne, N.S | " pass. " |
| Dawson | 13 50 | " | " | 37·25 | 16·99 | " | " fishing " |
| Alice Maud | 16·60 | " | " | 44·84 | 30·46 | " | " tug " |
| Total | 322·26 | | | 1,746·55 | 753·74 | | |

HALIFAX, N.S.

J P. ESDAILE,
*Steamboat Inspector.*

STATEMENT of the Number of Steam Vessels added to the Dominion during the Year ended June 30, 1904, their Class and Horse power, whether of Wood or Iron; their Gross and Registered Tonnage; where built; and where and how employed.

NEW BRUNSWICK AND PRINCE EDWARD ISLAND DIVISION.

| Name of Vessel. | Horse power. | Class. | Wood, Iron or Steel. | Gross Tonnage. | Registered Tonnage. | Where Built. | Where and how employed. |
|---|---|---|---|---|---|---|---|
| Premier..... | 6·00 | Screw, tug | Wood..... | 8·70 | 5·92 | Chatham, N.B. | On Miramichi river, tug. |
| David R. .... | 12·00 | " " | " .... | 25·27 | 16·01 | Newcastle, " | " " " |
| B. E. Waring. | 40·00 | St. wh. pas | " .... | 592·59 | 373·33 | St. John, " | St. John river, pass. & frt. |
| Senlac ..... | 66·6 | Screw, pas | " .... | 1010·74 | 687·30 | " " | Coasting pass. and frt. |
| R. R. Call.... | 8·00 | " tug | " .... | 23·16 | 15·75 | Chatham, N.B. | On Miramichi river, tug. |
| Allan Sewell... | 4·10 | " " | " .... | 11·59 | 7·88 | Oromocto, " | St. John river, tug. |
| Total..... | 136·70 | | | 1672·05 | 1106·00 | | |

C. E. DALTON,
*Steamboat Inspector.*

BRITISH COLUMBIA DIVISION.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Pilot..... | 1·4 | Screw, tug | Wood..... | 7·80 | 5·31 | Pilot Bay, B.C. | Towing, Kootenay lake. |
| Irene..... | 6·6 | " " | " .... | 28·95 | 19·69 | Nakusp, " | " Columbia river. |
| Ptarmigan .... | 4·3 | S. wh. f.p. | " .... | 246·45 | 155·37 | Golden, " | Frt., pass., Up. Col. river |
| Maude Annis.. | 4·0 | Screw, tug | " .... | 22·54 | 15·33 | Annis, " | Towing, Shuswap lake. |
| Kelowna..... | 4·3 | T. " " | " .... | 65·38 | 44·46 | Kelowna, " | " Okanagon lake. |
| Flossie ..... | 3 0 | Yacht.... | " ... | 4·64 | 3·16 | Vancouver, " | Fraser river. |
| Prin. Beatrice . | 124·0 | Sc. f. & p. | " .... | 1289·51 | 635·00 | Victoria, " | Frt., pass., Can. & for' p'ts |
| Aimé... ..... | 3·4 | Screw, tug | " .... | 8·56 | 5 83 | Chemainus, " | Towing, coast, B.C. |
| Constance.... | 2·2 | " " | " .... | 11·17 | 7·60 | Vancouver, " | " " " |
| Yale..... | 16·0 | " " | " ... | 36·28 | 24·68 | Nakusp, " | " Columbia river. |
| Geo. F. Piper.. | 16·6 | " f.&p. | " .... | 70·15 | 57·71 | " " | Frt. & pass., Columbia r'r. |
| Smuggler..... | 5·0 | " tug | " .... | 15·97 | 9·86 | " " | Towing, Columbia river. |
| Bute..... | 3·2 | " " | " .... | 48 86 | 26·00 | | " coast, B.C. |
| Forager..... | 13·3 | " " | " .... | 89·57 | 57·31 | Victoria, " | " " " |
| Dominion..... | 6·9 | " pas. | " .... | 17·58 | 10·00 | " " | Pass. Victoria harbour. |
| Total ..... | 214·3 | | | 1963·41 | 1077·31 | | |

J. A. THOMSON,
*Steamboat Inspector.*

QUEBEC DIVISION.

No vessels added.

STATEMENT of the Number of Steam Vessels added to the Dominion during the Year ended June 30, 1904, their Class and Horse power, whether of Wood or Iron; their Gross and Registered Tonnage; where built; and where and how employed.

VANCOUVER AND YUKON DIVISION.

| Name of Vessel. | Horse power. | Class. | Wood, Iron or Steel. | Gross Tonnage. | Registered Tonnage. | Where Built. | Where and how employed |
|---|---|---|---|---|---|---|---|
| Ariadne | 1·5 | Screw | Wood | 14 | 9 | Vancouver | B.C. waters, yacht. |
| Rustler | 0·8 | " | " | 13 | 9 | " | " " |
| Reliance | 1·6 | " | " | 8 | 6 | " | " " |
| Lily | 3·2 | " | " | 12 | 8 | " | " " |
| Sendai | 5·6 | " | " | 14 | 10 | " | " tug. |
| Coutli | 28·1 | " | " | 99 | 68 | " | " " |
| Squid | 11·2 | " | " | 60 | 41 | " | " freight. |
| Clarence | 2·4 | " | " | 13 | 9 | " | " tug. |
| Alice | 4·1 | " | " | 11 | 7 | " | Burrard inlet, passenger. |
| Colleen Ardre | 1·2 | Gas. screw | " | 5 | 3 | " | " " " |
| Pheasant | 7·2 | St., wheel. | " | 251 | 158 | N. Westmins'r | Fraser river, pass. & frt. |
| Lark | 8·4 | " | " | 58 | 37 | " " | " frt. |
| Queen of Pacific | 6·0 | Screw | " | 78 | 53 | Ballard, U.S. | B.C. waters, frt. |
| Escort No. 2 | 61·0 | " | " | 192 | 137 | Coos Bay, U.S | " tug. |
| Total | 132·3 | | | 858 | 549 | | |

F. M. RICHARDSON,
*Steamboat Inspector, Vancouver, B.C.*

KEEWATIN, MANITOBA AND NORTH-WEST TERRITORIES.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Frank Marshall | 3·3 | Screw | Wood | 29·76 | 20·24 | Rat Portage | Lake of the Woods, fish tug |
| Scud | 3·3 | " | " | 32·05 | 21·56 | " | " " " |
| Hunter | 1·2 | " | " | 11·30 | 7·64 | " | " " " |
| Day Star | 0·5 | " | " | 13·47 | 9·16 | " | " " priv. yacht |
| Grace B. | 1·7 | " | " | 20·19 | 13·73 | " | " " tug. |
| Algoma | 3·3 | " | " | 68·59 | 46·56 | Fort Frances | Rainy lake, tug. |
| Welcome | 8·8 | " | " | 36·23 | 24·64 | " | " " |
| Margarete | 0·83 | " | " | 5·75 | 3·92 | " | " private yacht |
| Wolverine | 31·8 | " | " | 278·32 | 189·26 | Selkirk | Lake Winnipeg, pass., frt |
| Redwing | 5·2 | " | " | 23·14 | 15·74 | " | " " " |
| Tempest | 14·0 | " | " | 74·66 | 50·55 | " | " " tug. |
| Cygnet | 2·0 | " | " | 20·76 | 14·12 | " | " " fish. |
| J. Dudley | 18·0 | " | " | 52·47 | 35·66 | Buffalo, N.Y. | Thunder bay, tug. |
| Northern Light | 0·8 | " | " | 16·03 | 10·91 | Rat Portage | Eagle lake, " |
| Carberry | 6·6 | " | " | 61·78 | 41·02 | The Landing | Lake Manitoba " |
| Isabell | 4·4 | " | " | 40·73 | 27·70 | Winnipegosis | " Winnipegosis, tug. |
| Caraboo | 4·1 | " | " | 28·65 | 19·49 | Fort Smith | Mackenzie river, frt. |
| Eva | 6·4 | " | " | 49·82 | 28·44 | " " | " " " |
| Primrose | 1·7 | " | " | 8·90 | 6·06 | " Chipewan | Lake Athabasca, " |
| St. Charles | 6·0 | " | " | 28·79 | 19·50 | Peace River | Peace River, " |
| Total | 123·93 | | | 901·39 | 605·90 | | |

GEO. P. PHILLIPS,
*Steamboat Inspector.*

STATEMENT of Steam Vessels lost, broken up or laid up, as unfit for service, in the Dominion during the year ending June 30, 1904, and where and how employed.

WEST ONTARIO DIVISION.

| Name of Vessel. | Where and how last employed. | Gross Tonnage. | Class of Vessel and reason of Unfitness. |
|---|---|---|---|
| B. W. Aldrich | Lakes, tug | 41 | Screw, dismantled. |
| Pittsburg | " passenger | 1,349 | Paddle, burned. |
| Maud | Georgian bay, passengr. | 40 | Screw, dismantled. |
| Conqueror | " tug. | 25 | " " |
| Viola | " yacht | 68 | " " |
| Carlton | " tug | 8 | " " |
| H. R. Dixon | Lake Superior, passenger | 483 | " burned. |
| Atlantic | Georgian bay, " | 683 | " " |
| Masonic | " " | 39 | " dismantled. |
| Lillie | " tug | 50 | " " |
| Joe Milton | " passenger | 93 | " stranded and burned. |
| Yacht Maida | " tug | 2 | " dismantled. |
| Thislte | Toronto bay, passenger | 78 | Paddle, sunk. |
| Morning Star | " tug | 5 | Screw, dismantled. |
| Ocean Lily | Lake Huron, tug | 3 | " sunk. |
| Earl | " fishing tug | 18 | " dismantled. |
| Kate Murray | Muskoka lakes, tug | 3 | " " |
| C. H. Merritt | Soo river, passenger | 122 | " sunk. |
| Total | | 3110 | |

JOHN DODDS,
E. W. McKEAN,
JAS. B. STEWART,
*Steamboat Inspectors, Toronto, Ont.*

EAST ONTARIO DIVISION.

| | | | |
|---|---|---|---|
| Vesta | Bay of Quinté, yacht | 7·80 | Screw, hull used up. |
| Maud L | River St. Lawrence, tug | 14·05 | " " |
| Startled Fawn | Bay of Quinté, yacht | 25·49 | " " |
| Total | | 47·34 | |

THOS. P. THOMPSON,
*Steamboat Inspector.*

MONTREAL DIVISION.

| | | | |
|---|---|---|---|
| G. B. Pattee | Deschene Lake, tug | 30 | Screw, unfit for service. |
| Maid of the Mill | Wahnapitae Lake, tug | 8 | " " |
| Owl | Memphremagog Lake, yacht | 4 | " " |
| Daniel McLauchlin | Chats Lake, tug | 22 | Paddle, " |
| Olive | Ottawa River, pass., and frt. | 213 | Screw, " |
| H. M. Mixer | " tug | 30 | " " |
| Total | | 307 | |

WM. LAURIE,
LOUIS ARPIN,
*Steamboat Inspectors.*

STATEMENT of Steam Vessels lost, broken up, or laid up, &c.—*Continued.*

QUEBEC DIVISION.

| Name of Vessel. | Where and how last employed. | Gross Tonnage. | Class of Vessel and reason of Unfitness. |
|---|---|---|---|
| Mersey | Tug on her way from Quebec to Manicouagan. | 56 | Tug, lost on the Manicouagan's shoals. |
| Undine | Towing on Lake St. John. | 17 | Tug, broken up. |
| Total | | 73 | |

JOS. SAMSON,
*Steamboat Inspector, Quebec.*

NOVA SCOTIA DIVISION.

| | | | |
|---|---|---|---|
| Tusket | Tusket river, tug | 3·04 | Tug, broken up. |
| Maple Leaf | Pictou harbour, ferry | 129·06 | Ferry boat, broken up. |
| Bessie | Minas basin, tug | 10·45 | Tug, " |
| David Duncan | Weymouth river, tug | 20·59 | " " |
| Lennox | Lennox passage, ferry | 66·29 | Ferry boat, broken up. |
| Lion | Pugwash, tug | 19·82 | Tug, sunk and abandoned. |
| Henry Hover | Halifax harbour, tug | 54·64 | " sunk in collision. |
| Daisy | Sydney " water boat | 10·74 | Water boat broken up. |
| Newfoundland | Coasting, freight | 918·75 | Freight boat, sold to foreigners. |
| Total | | 1133·38 | |

J. P. ESDAILE,
*Steamboat Inspector, Halifax, N.S.*

NEW BRUNSWICK AND PRINCE EDWARD ISLAND DIVISION.

| | | | |
|---|---|---|---|
| David Weston | St. John river, passenger | 735·15 | Paddle, total loss by fire. |
| Elliott | Coasting and foreign | 367·50 | Screw, wrecked in Gulf of St. Lawrence. |
| Meta | St. John river, yacht | 5·05 | " yacht, broken up, machinery taken out. |
| Carrie Knight | " " tug | 5·88 | Screw, tug, destroyed by fire. |
| Total | | 1113·58 | |

C. E. DALTON,
*Steamboat Inspector.*

STATEMENT of Steam Vessels lost, broken up or laid up, &c.—*Concluded.*

BRITISH COLUMBIA DIVISION.

| Name of Vessel. | Where and how last employed. | Gross Tonnage. | Class of Vessel and reason of Unfitness. |
|---|---|---|---|
| Mermaid | Vancouver and Jervis inlet | 129 | Screw, lost, sunk after stranding. |
| Haylis | Towing Kootenay lake | 44 | " burnt. |
| Illicillewaet | Frt., and pass., Columbia river. | 98 | Stern wheel, broken up. |
| Lytton | " " " | 452 | " " |
| Princess Louise | " " Victoria and New Westminster. | 932 | " laid up, boilers cond'nd. |
| Total | | 1655 | |

J. A. THOMSON,
*Steamboat Inspector.*

BRITISH COLUMBIA AND YUKON DIVISION.

| | | | |
|---|---|---|---|
| Dreadnought | B.C. waters, tug | 33 | Screw, condemned. |
| North Star | Fraser river, " | 8 | " sunk and lost. |
| Champion | B.C. waters, freight | 100 | " destroyed by fire. |
| Lois | " tug | 25 | " wrecked. |
| Sybil | Yukon river, frt., and pass. | 654 | Stern wheel, dismantled. |
| Total | | 820 | |

F. M. RICHARDSON,
*Steamboat Inspector, Vancouver, B.C.*

KEEWATIN, MANITOBA AND NORTH-WEST TERRITORIES DIVISION.

| | | | |
|---|---|---|---|
| Miles | Tug, Lake Winnipeg | 60·04 | Screw, hull condemned. |
| Sir W. C. Van Horne | " " of the Woods | 59·91 | " " |
| James Mayhew | " " Superior | 16·49 | " " |
| Minota | Fish tug, Lake Superior. | 34·95 | " " |
| Ida | " " | 19·37 | " " |
| Almidia | " " | 7·60 | " " |
| Forrester | Tug and frt., Thunder Bay | 5·23 | " " |
| Inza | " " | 8·79 | " " |
| Lilly | Tug, Lake of the Woods | 1·62 | " " |
| Grace B | Yacht, " " | 21·18 | " Burnt. |
| Keewatin | Tug, " " | 41·25 | " " |
| Gertie H | Pass., and frt., Red River. | 90·95 | Paddle " |
| Isabell | Tug, Lake Winnipegosis | 53·92 | Screw, hull condemned. |
| Total | | 424·30 | |

GEO. P. PHILLIPS,
Steamboat Inspector.

**List of Certificates of Competency and Temporary Certificates granted to Engineers of Steamboats during the year ended June 30, 1904.**

| Number of Certificate. | Date of Certificate. | Name. | Grade. | Address. | Where Examination was passed. | Fee. |
|---|---|---|---|---|---|---|
| | 1903. | | | | | $ cts. |
| 3439 | July 13.. | John McGraw | Temporary | Brockville, Ont. | Brockville, O. | 2 00 |
| 3440 | " 13.. | R. H. McCaw | " | North Bay, Ont. | Montreal, Que | 2 00 |
| 3441 | " 13.. | Jos. Petitchere | " | Wisawasa, Ont. | Callandar, Ont | 2 00 |
| 3442 | " 13.. | John E. Leduc | " | Ottawa, Ont. | L'Orignal, Ont | 2 00 |
| 3443 | " 13.. | Fred Windsor | " | Callandar, Ont. | Callandar, Ont | 2 00 |
| 3444 | " 13.. | Henry E. Hudson | " | Combermere, Ont. | Combermere, O | 2 00 |
| 3445 | " 13.. | Chas. C. Pilkey | " | Vancouver, B.C. | Vancouver, BC | 2 00 |
| 3446 | " 13.. | Martin Graber | " | Pembroke, Ont. | Pembroke, Ont | 2 00 |
| 3447 | " 13.. | Fred. Huck | " | Rockport, Ont | Kingston, Ont. | 2 00 |
| 3448 | " 13.. | E. C. Rutherford | " | Orillia, Ont. | Orillia, Ont. | 2 00 |
| 3449 | " 13.. | M. J. Crosby | 4th Class | St. Catharines, Ont. | Toronto, Ont. | 5 00 |
| 3450 | " 13.. | L. R. Unsworth | 2nd " | Charlottetown, P.E.I. | Quebec, Que. | 5 00 |
| 3451 | " 15.. | John A. McKian | 3rd " | Midland, Ont. | Midland, Ont. | 5 00 |
| 3452 | " 15.. | John McCaw | Temporary | Dorset N.R., Ont. | North Bay, O. | 2 00 |
| 3453 | " 15.. | B. Moreau | " | Waubaushene, Ont. | Midland, Ont. | 2 00 |
| 3454 | Aug. 4.. | Wm. Buchanan | " | Lake Edward, Que. | L'keEdward, Q | 2 00 |
| 3455 | " 4.. | Adhemar Duguay | " | Roberval, Que. | Roberval, Que. | 2 00 |
| 3456 | " 4.. | Jos. Gagnon | " | Ste. Anne de Chicoutimi, Que. | Ste. Anne de Chicoutimi, Q | 2 00 |
| 3457 | " 4.. | Oscar Seguin | " | Mont Oscar, Que. | Montreal, Que | 2 00 |
| 3458 | " 4.. | Wm. Morton | 4th Class | Montreal Que | " | 5 00 |
| 3459 | " 4.. | H. R. Stevens | Temporary | Huntsville, Ont. | Huntsville, O. | 2 00 |
| 3460 | " 4.. | John R. Brown | " | Penetanguishene, Ont. | Toronto, Ont. | 2 00 |
| 3461 | " 4.. | Wm. Seney | " | Parry Sound, Ont. | ParrySound, O | 2 00 |
| 3462 | " 4.. | C. W. Bowerman | " | Port Perry, Ont. | Lindsay, Ont. | 2 00 |
| 3463 | " 4.. | Wm. Hungerford | " | Lindsay, Ont. | " | 2 00 |
| 3464 | " 4.. | Geo. E. Hull | " | Clarina, Ont | Lakefield, Ont. | 2 00 |
| 3465 | " 11.. | Geo. Woodward | " | Melbourne, Que. | N'rthHatley, Q | 2 00 |
| 3466 | " 11.. | Ed. Dawson | 4th Class | Montreal, Que. | Montreal, Que | 5 00 |
| 3467 | " 18.. | Archibald McLeod | Temporary | Big Glace Bay, N.S. | N.Sydney, C.B | 2 00 |
| 3468 | " 18.. | Pius Z. Boudreau | " | Tusket Wedge, N.S. | Yarmouth, NS | 2 00 |
| 3469 | " 27.. | Edwin J. Riley | 3rd Class | Owen Sound, Ont. | Toronto, Ont. | 5 00 |
| 3470 | " 27.. | Hugh McMillan | Temporary | Sault Ste. Marie, Ont. | S'ltSteMarie, O | 2 00 |
| 3471 | " 29.. | Jean B. Houde | " | Sorel, Que | Montreal, Que | 2 00 |
| 3472 | Sept. 3.. | Peter Brown | " | Lake Megantic, Que. | L. Megantic, Q | 2 00 |
| 3473 | Oct. 2.. | H. N. Alexander | 4th Class | Vancouver, B.C. | Vancouver, BC | 5 00 |
| 3474 | " 2.. | Ed. Stevenson | 4th " | Dawson, Y.T. | Dawson, Y.T. | 5 00 |
| 3475 | Nov. 12.. | Theophile Côté | Temporary | Grandes Piles, Que. | Quebec, Que. | 2 00 |
| 3475 | Oct. 7.. | John Andrechek | " | Killaloo, Ont. | NewLisk'rd, O. | 2 00 |
| 3476 | " 7.. | Ed. Cloutier | " | Sorel, Que | Lachine, Que. | 2 00 |
| 3477 | " 7.. | Chas. M. Black | 4th Class | Victoria, B.C. | Victoria, B.C. | 5 00 |
| 3478 | " 22.. | Wm. Swayne | Temporary | Morrisburg, Ont | TemiscamingO | 2 00 |
| 3479 | Nov. 2.. | Henry T. Flett | 2nd Class | Victoria, B.C. | Victoria, B.C. | 5 00 |
| 3480 | " 2.. | Mathias Roy | 4th " | St. Valier, Que. | Quebec, Que. | 5 00 |
| 3481 | " 2.. | Louis Morton | Temporary | Rat Portage, Ont. | Rat Portage, O | 2 00 |
| 3482 | " 2.. | Nap. Lazure | 3rd Class | Ste. Cunegonde, Que. | Montreal, Que | 5 00 |
| 3483 | " 2.. | Frank McConville | 2nd " U.K. | New Zealand | Quebec, Que. | 5 00 |
| 3484 | " 12.. | Norbert Gingras | 3rd " | Champlain, Que. | " | 5 00 |
| 3485 | " 12.. | Geo. Stewart | 3rd " | Victoria, B.C. | Victoria, B.C. | 5 00 |
| 3486 | " 12.. | John E. Watkins | 4th " | Vancouver, B.C. | Vancouver, BC | 5 00 |
| 3487 | " 12.. | Duncan Stewart | 4th " | " | " | 5 00 |
| 3488 | " 12.. | Wm. Cresswell | 4th " | " | " | 5 00 |
| 3489 | " 12.. | Remi Boucher | 4th " | Bienville, Que | Quebec, Que. | 5 00 |
| 3490 | " 12.. | Albert D. Hobson | 4th " | Vancouver, B.C. | Vancouver, BC | 5 00 |
| 3491 | " 16.. | Alph. Derochers | 2nd " | St. Agapit, Que. | Sorel, Que. | 5 00 |
| 3492 | Dec. 11.. | Thos. W. Whiteley | Temporary | Sombra, Ont. | Sombra, Ont. | 2 00 |
| 3493 | " 11.. | Geo. Lee | " | Point Edward, Ont. | Sarnia, Ont. | 2 00 |
| 3494 | " 11.. | Louis Williams | 4th Class | Wiarton, Ont | Toronto, Ont. | 5 00 |
| 3495 | " 11.. | John O. Armstrong | 3rd " | Sault Ste. Marie, Ont. | S'ltSteMarie, O | 5 00 |
| 3496 | " 11.. | Thos. S. Moffat | 1st " U.K. | Victoria, B.C. | Victoria, B.C. | 5 00 |
| 3497 | " 11.. | John L. Physick | 4th " | Vancouver, B.C. | Vancouver, BC | 5 00 |
| 3498 | " 29.. | Alfred J. Erskine | 3rd " | Victoria, B.C. | Victoria, B.C. | 5 00 |
| 3499 | " 29.. | Francis Rousseau | 3rd " | Ste. Appollinaire, Que. | Quebec, Que. | 5 00 |
| 3500 | " 29.. | Geo. Ed. Wilson | 4th " | Waubaushene, Ont. | Midland, Ont. | 5 00 |
| 3501 | " 31.. | Geo. D. Ramsay | 4th " | Victoria, B. C | Victoria, B.C. | 5 00 |

LIST of Certificates of Competency granted to Engineers of Steamboats, &c.—*Continued.*

| Number of Certificate. | Date of Certificate. | Name. | Grade. | Address. | Where Examination was Passed. | Fee. |
|---|---|---|---|---|---|---|
| | 1903. | | | | | $ cts. |
| 3502 | Dec. 31 | Thos. G. Bishop | 4th Class | Garden Island, Ont | Kingston, O | 5 00 |
| 3503 | " 31 | Richard A. Sholes | 4th " | Victoria, B. C | Victoria, B.C. | 5 00 |
| 3504 | " 31 | John Woodriff | 4th " | " | " | 5 00 |
| 3505 | " 31 | Wm. J. Landrigan | 4th " | Midland, Ont. | Toronto, Ont. | 5 00 |
| 3506 | " 31 | Wm. Johnston | 4th " | Toronto, Ont. | " | 5 00 |
| 3507 | " 31 | Albert Martin | 4th " | Gravenhurst, Ont. | " | 5 00 |
| 3508 | " 31 | Geo. Rene de Cotret | 2nd " | Montreal, Que. | Montreal, Que | 5 00 |
| 3509 | " 31 | Albert Ed. Collins | 3rd " | Collingwood, Ont. | Toronto, Ont. | 5 00 |
| 3510 | " 31 | A. Bucknam | Temporary | Rat Portage, Ont | Rat Portage, O | 2 00 |
| 3511 | " 31 | Chas. H. Clay | " | Vancouver, B. C | Vancouver, BC | 2 00 |
| | 1904. | | | | | |
| 3512 | Jan. 15 | P. C. T. Bonham | 3rd Class | Owen Sound, Ont. | Toronto, Ont. | 5 00 |
| 3513 | " 15 | Geo. D. Adam | 4th " | Hawkstone, Ont. | " | 5 00 |
| 3514 | " 15 | Julian P. Bourne | 3rd " | Vancouver, B. C. | Vancouver, BC | 5 00 |
| 3515 | " 15 | Chas. A. McWilliam | 3rd " | Kingston, Ont | Kingston, Ont. | 5 00 |
| 3516 | " 15 | Chas. L. Goodwin | 4th " | Springford, Ont. | Toronto, Ont. | 5 00 |
| 3517 | " 15 | Chas. H. Waller | 2nd " U.K. | Victoria, B.C. | Victoria, B.C. | 5 00 |
| 3518 | " 15 | Thos. Raper | 2nd " U.K. | Vancouver, B. C. | Vancouver, BC | 5 00 |
| 3519 | " 15 | R. P. Urquhart | 4th " | Owen Sound, Ont. | Toronto, Ont. | 5 00 |
| 3520 | " 15 | Wm. F. Lenihan | 4th " | Waubaushene, Ont. | " | 5 00 |
| 3521 | " 15 | John Leonard | Temporary | Indiantown, N. B. | St. John, N. B | 2 00 |
| 3522 | " 19 | Rollie Mullin | 4th Class | Garden Island, Ont. | Kingston, Ont | 5 00 |
| 3523 | " 20 | Wm. Pans | 2nd " | Penetanguishene, Ont. | Toronto, Ont. | 5 00 |
| 3524 | " 20 | Alex. Wilson | 2nd " | St. John, N. B. | St. John, N. B | 5 00 |
| 3525 | " 20 | Thos. Timlin | 3rd " | Morton, Ont | Kingston, Ont. | 5 00 |
| 3526 | " 20 | Dillwith Simmons | 4th " | Garden Island, Ont. | " | 5 00 |
| 3527 | Feb. 24 | A. I. Ross | 4th " | Dartmouth, N.S. | Halifax, N.S. | 5 00 |
| 3528 | " 24 | Frank R. Butler | 4th " | Halifax, N. S | " | 5 00 |
| 3529 | " 24 | Henry R. Hustable | 4th " | Dartmouth, N.S. | " | 5 00 |
| 3530 | " 24 | Chas. T. Moore | 4th " | Vancouver, B. C | Vancouver, BC | 5 00 |
| 3531 | " 24 | W. E. H. Perrin | 3rd " | McNab's Island, N.B. | Halifax, N.S. | 5 00 |
| 3532 | " 24 | Francis Belaire | 3rd " | Sorel, Que. | Sorel, Que. | 5 00 |
| 3533 | " 24 | Wm. A. Lebeau | 3rd " | " | " | 5 00 |
| 3534 | " 24 | Narcisse Hamelin | 3rd " | Three Rivers, Que | Quebec, Que. | 5 00 |
| 3535 | " 24 | Ira Ramson | 3rd " | Vancouver, B. C. | Vancouver, BC | 5 00 |
| 3536 | " 24 | Thos. B. Stewart | 3rd " | " | " | 5 00 |
| 3537 | " 24 | Chas. H. Clay | 3rd " | " | " | 5 00 |
| 3538 | " 24 | Louis Toupin | 2nd " | Champlain, Que | Quebec, Que. | 5 00 |
| 3539 | " 24 | Octave Lahaye | 2nd " | Village Bienville, Que. | " | 5 00 |
| 3540 | " 27 | Sanford Ashie | 4th " | Garden Island, Ont. | Kingston, Ont | 5 00 |
| 3541 | " 27 | R. V. Laugheed | 4th " | Collingwood, Ont. | Toronto, Ont. | 5 00 |
| 3542 | " 27 | Peter Paton | 4th " | " | " | 5 00 |
| 3543 | " 27 | Alfred Shaw | 4th " | Thessalon, Ont. | Thessalon, Ont | 5 00 |
| 3544 | " 27 | David Leslie | 2nd " | Kingston, Ont | Kingston, Ont. | 5 00 |
| 3545 | " 27 | Wm. W. Robertson | 2nd " | Owen Sound, Ont. | Toronto, Ont. | 5 00 |
| 3546 | " 27 | Frederick Lafave | 3rd " | Kingston, Ont | Kingston, Ont | 5 00 |
| 3547 | " 27 | Luke Whalen | 3rd " | " | " | 5 00 |
| 3548 | " 27 | T. Mongrain | 4th " | Champlain, Que | Montreal, Que | 5 00 |
| 3549 | " 27 | A. Carpentier | 3rd " | " | " | 5 00 |
| 3550 | " 29 | Thos. Ed. King | 1st " U.K. | Sydney, N.S.W. | Victoria, B. C. | 5 00 |
| 3551 | Mch. 4 | Roy Milligan | 4th " | St. Catharines, Ont. | Toronto, Ont. | 5 00 |
| 3552 | " 4 | Jos. R. Marshall | 4th " | Toronto, Ont | " | 5 00 |
| 3553 | " 4 | Jos. Kirk | 4th " | Hamilton, Ont. | " | 5 00 |
| 3554 | " 4 | Jas. D. Small | 4th " | " | " | 5 00 |
| 3555 | " 4 | Robt. Craigie | 3rd " | Goderich, Ont. | " | 5 00 |
| 3556 | " 4 | Emerson Wright | 2nd " | St. Catharines, Ont. | " | 5 00 |
| 3557 | " 7 | Russell R. Foote | 4th " | Owen Sound, Ont. | " | 5 00 |
| 3558 | " 7 | Ed de Quincey Proctor | 4th " | Meaford, Ont. | " | 5 00 |
| 3559 | " 7 | John T. Myler | 3rd " | Collingwood, Ont. | " | 5 00 |
| 3560 | " 17 | Jos. McLaughlin | 3rd " | Toronto, Ont | " | 5 00 |
| 3561 | " 17 | Camille Salvas | 3rd " | St. Thomas de Pierrev. Q. | Montreal, Que. | 5 00 |
| 3562 | " 17 | Thos. Yielding | 3rd " | Vancouver, B. C. | Vancouver, BC | 5 00 |
| 3563 | " 17 | Delbert Becker | 3rd " | " | " | 5 00 |
| 3564 | " 17 | Lawrence Black | 3rd " | Brockville, Ont. | Kingston, Ont | 5 00 |
| 3565 | " 17 | Wm. Burgoyne | Temporary | Fenelon Falls, Ont | " | 2 00 |
| 3566 | " 17 | Geo. H. Martin | 4th Class | Vancouver, B. C | Vancouver, BC | 5 00 |

LIST OF Certificates of Competency granted to Engineers of Steamboats, &c.—*Continued.*

| Number of Certificate. | Date of Certificate. | Name. | Grade. | Address. | Where Examination was passed. | Fee. |
|---|---|---|---|---|---|---|
| | 1904. | | | | | $ cts. |
| 3567 | " 17 | John A. Murphy | 4th Class | Midland, Ont | Toronto, Ont. | 5 00 |
| 3568 | " 17 | T. E. McEwen | 4th " | Toronto, Ont | " | 5 00 |
| 3569 | " 17 | Jas. Robertson | 4th " | Vancouver, B. C. | Vancouver, BC | 5 00 |
| 3570 | " 17 | John Hicks | 4th " | Wild Oak, Man | Rat Portage, O | 5 00 |
| 3571 | Mar. 17 | Fred Frenzen | 4th class | Vancouver, B.C | Vancouver | 5 00 |
| 3572 | " 17 | John L. Williams | 4th " | Kingston, Ont | Kingston, Ont | 5 00 |
| 3573 | " 17 | Jos. G. Blanchet | 4th " | Quebec, Que | Quebec, Que. | 5 00 |
| 3574 | " 17 | Alex. Wm. Dow | 4th " | Victoria, B.C | Victoria, B.C. | 5 00 |
| 3575 | " 17 | Swan Peterson | 4th " | Nelson, B.C | " | 5 00 |
| 3576 | " 21 | Wm. P. Collins | 2nd " U.K. | Halifax, N.S | Halifax, N.S. | 5 00 |
| 3577 | " 21 | Chas. Campbell | 4th " | Picton, N.S | " | 5 00 |
| 3578 | " 21 | T. J. Spofforth | 4th " | Halifax, N.S | " | 5 00 |
| 3579 | " 21 | Ed. Clark | 4th " | Charlottetown, P.E.I | " | 5 00 |
| 3580 | " 21 | Jas. Pushie | 4th " | Glace Bay, C.B | " | 5 00 |
| 3581 | " 21 | Frank Krafve | Temporary | Barrington, N.S | " | 2 00 |
| 3582 | " 21 | R. J. Riley | " | Annapolis Royal, N.S | " | 2 00 |
| 3583 | " 24 | R. J. Wickins | " | Huntsville, Ont | Toronto, Ont. | 2 00 |
| 3584 | " 24 | Jas. Leonard | 3rd Class | Goderich, Ont | " | 5 00 |
| 3585 | " 24 | John E. Bell | 3rd " | Port Dalhousie, Ont. | " | 5 00 |
| 3586 | " 24 | Omer Croteau | 3rd " | Ste. Appollinaire, Que | Quebec, Que. | 5 00 |
| 3587 | " 24 | Phillippe Blette | 3rd " | Sorel, Que | Sorel, Que | 5 00 |
| 3588 | " 24 | Albert L. Carr | 4th " | Port Dalhousie, Ont | Toronto, Ont. | 5 00 |
| 3589 | " 24 | Robt. H. Isbester | 4th " | Goderich, Ont | " | 5 00 |
| 3590 | " 24 | Edward Spencer | 4th " | Kingston, Ont | Kingston, Ont | 5 00 |
| 3591 | " 24 | Geo. Tuttle | 4th " | " | " | 5 00 |
| 3592 | " 24 | Saml. Brault | 4th " | Sorel, Que | Sorel, Que | 5 00 |
| 3593 | " 24 | Xavier Begin | 4th " | Village Lauzon, Que | Quebec, Que. | 5 00 |
| 3594 | " 24 | Jos. Labreque | 4th " | " | " | 5 00 |
| 3595 | " 24 | Alcide Langlois | 4th " | Sorel, Que | Sorel, Que | 5 00 |
| 3596 | " 24 | Arthur Hamelin | 4th " | St. Joseph, Que | " | 5 00 |
| 3597 | " 24 | Isaac J. Boynton | Temporary | Bobcaygeon, Ont | Belleville, Ont | 2 00 |
| 3598 | " 24 | Alex. G. Cameron | 3rd Class | Chatham, N.B | St. John, N.B. | 5 00 |
| 3609 | " 24 | E. J. McBeth | 3rd " | St. John, N.B | " | 5 00 |
| 3600 | " 24 | D. J. Gallagher | 2nd " | " | " | 5 00 |
| 3601 | " 28 | T. A. Rothwell | Temporary | Edmonton, N.W.T. | Ft. Resolution | 2 00 |
| 3602 | " 28 | John Kelsoe | " | Huntsville, Ont | Toronto, Ont. | 2 00 |
| 3603 | " 28 | Sydney T. Hubbard | " | Edmonton, N.W.T | Edmonton | 2 00 |
| 3604 | " 28 | Robt. Downie | 2nd Class U.K. | Halifax, N.S. | Halifax, N.S. | 2 00 |
| 3605 | " 28 | Geo. T. Bates | 3rd " | " | " | + 00 |
| 3606 | " 28 | Saml. Wm. Nokes | 3rd " | Thessalon, Ont | Thessalon, Ont | 5 00 |
| 3607 | " 28 | Jos. Caron | 4th " | St. Roch, Quebec | Quebec, Que. | 5 00 |
| 3608 | " 28 | Alex. Fowler | 4th " | Montreal, Que | Montreal, Que | 5 00 |
| 3609 | " 28 | Noe Rousseau | 3rd " | St. Appollinaire, Que | Quebec, Que. | 5 00 |
| 3610 | " 30 | Allan McD. Kennedy | 4th " | Halifax, N.S | Halifax, N.S. | 5 00 |
| 3611 | " 30 | Arthur Davies | 4th " | Poole's Resort, Ont | Kingston, Ont | 5 00 |
| 3612 | " 30 | J. S. McLennan | 4th " | Glace Bay, N.S | Halifax, N.S. | 5 00 |
| 3613 | " 30 | D. M. Eisnor | 4th " | Blockhouse, N.S | " | 5 00 |
| 3614 | April 2 | John Youngston | 3rd " | Toronto, Ont | Toronto, Ont. | 5 00 |
| 3615 | " 2 | Jas. Currie | 3rd " | " | " | 5 00 |
| 3616 | " 11 | Arthur Seguin | Temporary | Hudson, Que | Montreal, Que | 2 00 |
| 3617 | " 11 | W. R. Rogers | " | Espanola, Que | S'ltSteMarie O | 2 00 |
| 3618 | " 11 | Walter Langille | " | Picton, N.S | Halifax, N.S. | 2 00 |
| 3619 | " 11 | Arthur McCann | " | Wallace, N.S | " | 2 00 |
| 3620 | " 11 | Adélard Gagnon | " | Rat Portage; Ont | Rat Portage, O | 2 00 |
| 3621 | " 11 | Jas. E. Lunan | 2nd Class | Montreal, Que | Montreal, Que | 5 00 |
| 3622 | " 11 | Arthur Begin | 3rd " | Village Lauzon, Que | Quebec, Que. | 5 00 |
| 3623 | " 11 | Hugh Myler | 2nd " | Collingwood, Ont. | Toronto, Ont. | 5 00 |
| 3624 | " 11 | Geo F. Wheeler | 4th " | Toronto, Ont | " | 5 00 |
| 3625 | " 11 | R. S. Debernardi | 4th " | Port Arthur, Ont | Port Arthur, O | 5 00 |
| 3626 | " 11 | W. J. Alexander | 4th " | Moore Post Office, Ont. | Toronto, Ont. | 5 00 |
| 3627 | " 11 | John E. Phelan | 4th " | Collingwood, Ont | " | 5 00 |
| 3628 | " 11 | W. S. Archibald | 4th " | Hamilton, Ont | " | 5 00 |
| 3629 | " 11 | F. G. Gowland | 4th " | Collingwood, Ont | " | 5 00 |
| 3630 | " 11 | David A. Good | 4th " | Victoria, B.C | Victoria, B.C. | 5 00 |
| 3631 | " 27 | Harry A. Brown | 4th " | Village Lauzon, Que | Quebec, Que. | 5 00 |
| 3632 | " 27 | Henry H. Moore | 4th " | Toronto, Ont | Toronto, Ont. | 5 00 |
| 3633 | " 27 | Abraham Routly | 4th " | Windsor, Ont | Windsor, Ont. | 5 00 |
| 3634 | " 27 | W. J. C. Marron | 4th " | Collingwood, Ont. | Toronto, Ont. | 5 00 |

of Certificates of Competency granted to Engineers of Steamboats, &c.—*Concluded.*

| Date of Certificate. | Name. | Grade. | Address. | Where Examination was passed. | Fee. |
|---|---|---|---|---|---|
| 1904. | | | | | $ cts. |
| " 27.. | Allan Gibson | 4th " | West Toronto | " | 5 00 |
| " 27.. | Romeo Daigle | 4th " | Leclercville, Que | Quebec, Que | 5 00 |
| " 27.. | Alfred T. McCall | 4th " | Rat Portage, Ont | Rat Portage | 5 00 |
| " 27.. | Angus McRae | 4th " | Selkirk, Man | Selkirk, Man. | 5 00 |
| " 27.. | Walter Heay | 4th " | Vancouver, B.C | Vancouver | 5 00 |
| " 27.. | Wm. M. Cameron | 4th " | Victoria, B.C | " | 5 00 |
| " 27.. | Roland F. Link | Temporary | Gravenhurst, Ont | Toronto, Ont. | 2 00 |
| April 27.. | Albert Wright | Temporary | Rat Portage, Ont | Rat Portage, O | 2 00 |
| " 27.. | F. J. Shapcott | " | Lady Bank P.O., Ont | Killarney, Ont | 2 00 |
| " 27.. | Irenée Rivard | " | Grandes Piles, Que | Gr'ndesPiles Q | 2 00 |
| " 27.. | Jas. W. Brown | " | Wabigoon, Ont | Rat Portage, O | 2 00 |
| " 27.. | Edouard Rivard | " | Grandes Piles, Que | Gr'ndesPiles Q | 2 00 |
| " 27.. | Frank X. Blake | 3rd Class | Fort Erie, Ont | Toronto, Ont. | 5 00 |
| " 27.. | D. A. Morrison | 3rd " | Point Tupper, N.S | Halifax, N.S. | 5 00 |
| " 27.. | Alex. Brown | 3rd " | Vancouver, B.C | Vancouver, BC | 5 00 |
| " 27.. | Adolphe Rousseau | 3rd " | Ste. Apollinaire, Que | Quebec, Que | 5 00 |
| " 27.. | Adelard Lapointe | 2nd " | Village Lauzon, Que | " | 5 00 |
| " 27.. | John G. Clark | 1st " U.K. | Charlottetown, P.E.I | Halifax, N.S. | 5 00 |
| May 3.. | Saml. T. Grose | 3rd " | Winnipeg, Man | Rat Portage, O | 5 00 |
| " 10.. | Jas. Ausman | Temporary | Comaplis, B.C | Victoria, B.C. | 2 00 |
| " 10.. | Wm. Spicer | " | Newboro, Ont | Kingston, Ont. | 2 00 |
| " 10.. | Arthur Davis | " | Pooles Resort, Ont | " | 2 00 |
| " 10.. | T. Whitred | " | Hastings, Ont | Hastings, Ont. | 2 00 |
| " 14.. | L. J. McDonald | " | Pictou, N.S. | Pictou, N.S. | 2 00 |
| " 14.. | G. E. Scott | " | Guysboro, N.S | Halifax, N.S. | 2 00 |
| " 14.. | Albert Martin | " | Gravenhurst, Ont | Gravenhurst, O | 2 00 |
| " 14.. | G. Bellefeuille | " | Winnipeg, Man | Rat Portage, O | 2 00 |
| " 19.. | A. S. Vigars | 3rd Class | Port Arthur, Ont | Port Arthur, O | 5 00 |
| " 19.. | Geo. A. Russell | 4th " | " | " | 5 00 |
| " 19.. | Allan J. Ross | 4th " | Owen Sound, Ont | OwenSound, O | 5 00 |
| " 19.. | A. E. Stephenson | Temporary | Penetanguishene, Ont | ParrySound, O | 2 00 |
| " 25.. | T. Beaudette | " | Buckingham, Que | Buckingham Q | 2 00 |
| " 25.. | A. Lajeunesse | " | Peterboro, Ont | Peterboro, Ont | 2 00 |
| " 25.. | Geo. H. Whitney | " | Rockport, Ont | Kingston, Ont. | 2 00 |
| " 27.. | Wm. Drury | " | Chute a Blondeau, Ont | L'Orignal, Ont | 2 00 |
| June 2.. | D. C. W. Reid | " | Selkirk, Man | Selkirk, Man. | 2 00 |
| " 2.. | W. J. McIntyre | " | Port Sydney, Ont | Toronto, Ont. | 2 00 |
| " 2.. | Harley S. Watkins | 4th Class | Vancouver, B.C | Vancouver, BC | 5 00 |
| " 2.. | John Whittendale | 4th " | Sapperton, B.C | " | 5 00 |
| " 2.. | C. C. Curtz | 3rd " | Vancouver, B.C | " | 5 00 |
| " 2.. | Wm. Simmons | Temporary | " | " | 2 00 |
| " 2.. | F. W. Calbick | " | " | " | 2 00 |
| " 20.. | F. M. Young | " | Young's Pt., Ont | Kingston, Ont. | 2 00 |
| " 20.. | Geo. M. Boucher | " | Brockville, Ont | Brockville, Ont | 2 00 |
| " 20.. | J. Harrison | " | Chilliwack, Ont | Vancouver, BC | 2 00 |
| " 20.. | Jas. V. Morris | " | Kingston, Ont | Kingston, Ont. | 2 00 |
| " 20.. | Robt. Watson | " | St. Roch, Que | Quebec, Que | 2 00 |
| " 20.. | Geo. Hill | " | Keewatin, Ont | Rat Portage, O | 2 00 |
| " 20.. | Henry A. Leslie | " | Kingston, Ont | Kingston, Ont. | 2 00 |
| " 20.. | John J. Coones | " | Bridgenorth, Ont | " | 2 00 |
| " 20.. | Jas. Logan | " | Peterboro, Ont | " | 2 00 |
| " 20.. | John Gauyea | " | Smith's Falls, Ont | " | 2 00 |
| " 20.. | Pius Z. Boudreau | " | Tusket Wedge, N.S | TusketWgeNS | 2 00 |
| " 20.. | B. McGuire | " | Pictou, N.S | Pictou, N.S. | 2 00 |
| " 20.. | Alfred Poirier | " | Rat Portage, Ont | Rat Portage, O | 2 00 |
| " 20.. | M. Hicklenton | " | Vancouver, B.C | Vancouver, BC | 2 00 |
| " 20.. | Jas. E. Mattinson | " | Hows Sound, B.C | " | 2 00 |
| " 20.. | Joshua Smith | 4th Class | Esquimalt, B.C | Victoria, B.C. | 5 00 |
| " 20.. | David Leitch | 4th " | Halifax, N.S | Halifax, N.S. | 5 00 |
| " 20.. | Arthur Wylie | 4th " | Village Lauzon, Que | Quebec, Que | 5 00 |
| " 20.. | Eugene Hamelin | 2nd " | Ste. Cunegonde, Que | Montreal, Que. | 5 00 |
| " 20.. | H. Desjardin | 3rd " | St. Henri, Que | " | 5 00 |
| " 27.. | E. C. Rutherford | Temporary | Orillia, Ont | Orillia, Ont | 2 00 |
| " 27.. | Fred Keeling | " | Vancouver, B.C | Vancouver, BC | 2 00 |
| " 27.. | Alfred Crowe | " | Fort Francis, Ont | FortFrancis, O | 2 00 |
| " 27.. | Jas. C. Barry | " | Lefroy P.O., Ont | Toronto, Ont. | 2 00 |
| " 27.. | Jules Lecours | 4th Class | Bienville Levis, Que | Quebec, Que | 5 00 |
| " 27.. | John T. Murphy | 3rd " | St. Joseph de Levis, Que. | " | 5 00 |

# APPENDIX No. 47.

STATEMENT showing the results of certain returns respecting Shipping and Discharging of Seamen, received by the Department of Marine and Fisheries, in accordance with the provisions of Chapter 74, Consolidated Statutes of Canada, from Shipping Masters throughout the Dominion, for the half years ended June 30 and December 31, 1904.

NOTE.—Names printed in italics are Shipping Masters appointed under the Act. The Collectors of Customs act as Shipping Masters.

QUEBEC.

| Name of Port. | Name of County. | Name of Shipping Master. | For half-year ended June 30, 1904. | | | For half-year ended December 31, 1904. | | | Total Seamen Shipped. | Total Seamen Discharged. | Total Amount. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Seamen Shipped. | Seamen Discharged. | Amount. | Seamen Shipped. | Seamen Discharged. | Amount. | | | |
| | | | | | $ cts. | | | $ cts. | | | $ cts. |
| Escoumains | Saguenay | Collector of Customs | | | | | | | | | |
| Gaspé | Gaspé | *F. G. Eden.* | | | | | | | | | |
| Magdalen Islands | " | Collector of Customs | | | | | | | | | |
| Montreal | Hochelaga | *Wm. Cunningham* | | | | | | | | | |
| New Richmond | Bonaventure | Collector of Customs | | | | | | | | | |
| Pespebiac | " | " " | | | | | | | | | |
| Percé | Gaspé | " " | | | | | | | | | |
| Quebec | Quebec | *J. U. Gregory* | | | | | | | | | |
| Rimouski | Rimouski | Collector of Customs | | | | | | | | | |
| St. Johns | St. Johns | " " | | | | | | | | | |
| Sorel | Richelieu | " " | | | | | | | | | |
| Three Rivers | 3 Riv. & St. Maur. | " " | | | | | | | | | |

NEW BRUNSWICK.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Alma | Albert | Collector of Customs | | | | | | | | | |
| Bathurst | Gloucester | " " | | | | | | | | | |
| Buctouche | Kent | " " | | | | | | | | | |
| Chatham | Northumberland | *R. J. Walls* | | | | | | | | | |
| Cocagne | Kent | Collector of Customs | | | | | | | | | |
| Dalhousie | Restigouche | " " | | | | | | | | | |
| Dorchester | Westmoreland | " " | | | | | | | | | |
| Fredericton | York | " " | | | | | | | | | |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Grand Harbour | Charlotte | *D. J. W. McLaughlin* | | | | | | | | | |
| Harvey | Albert | Collector of Customs | | | | | | | | | |
| Hillsborough | " | " " | | | | | | | | | |
| Lepreaux | Charlotte | " " | | | | | | | | | |
| Moncton | Westmoreland | " " | | | | | | | | | |
| Musquash | St. John | " " | | | | | | | | | |
| New Bandon | Gloucester | " " | | | | | | | | | |
| Newcastle | Northumberland | *J. Niven* | | | | | | | | | |
| Quaco | St. John | Collector of Customs | | | | | | | | | |
| Richibucto | Kent | " " | | | | | | | | | |
| Rockport | Westmoreland | " " | | | | | | | | | |
| Sackville | " | " " | | | | | | | | | |
| St. Andrews | Charlotte | " " | | | | | | | | | |
| St. George | " | " " | | | | | | | | | |
| St. John | St. John | *W. H. Purdy* | | | | | | | | | |
| St. Stephen | Charlotte | Collector of Customs | | | | | | | | | |
| Shediac | Westmoreland | " " | | | | | | | | | |
| Shippegan | Gloucester | " " | | | | | | | | | |

## NOVA SCOTIA.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Advocate Harbour | Cumberland | Collector of Customs | | | | | | | | | |
| Amherst | " | " " | | | | | | | | | |
| Annapolis | Annapolis | " " | | | | | | | | | |
| Antigonish | Antigonish | " " | | | | | | | | | |
| Apple River | Cumberland | " " | | | | | | | | | |
| Arichat | Richmond | *D. O'C. Madden* | | | | | | | | | |
| Aspy Bay | Victoria | Collector of Customs | | | | | | | | | |
| Baddeck | " | " " | | | | | | | | | |
| Barrington | Shelburne | " " | | | | | | | | | |
| Bayfield | Antigonish | " " | | | | | | | | | |
| Beliveau's Cove | Digby | " " | | | | | | | | | |
| Bear River | " | *W. W. Wade* | | | | | | | | | |
| Beaver Harbour | " | Collector of Customs | | | | | | | | | |
| Bridgetown | Annapolis | " " | | | | | | | | | |
| Bridgewater | Lunenburg | *N. C. Owen* | | | | | | | | | |
| Canning | King's | Collector of Customs | | | | | | | | | |
| Canso | Guysborough | " " | | | | | | | | | |
| Cape Island | Shelburne | *E. Nickerson* | | | | | | | | | |
| Church Point | Digby | Collector of Customs | | | | | | | | | |
| Clementsport | Annapolis | " " | | | | | | | | | |
| Digby | Digby | " " | | | | | | | | | |
| Freeport | " | " " | | | | | | | | | |
| French Cross | King's | " " | | | | | | | | | |
| Great Bras d'Or | Victoria | " " | | | | | | | | | |
| Guysboro' | Guysboro' | " " | | | | | | | | | |
| Halifax | Halifax | *H. Bligh* | | | | | | | | | |

STATEMENT showing returns respecting Shipping and Discharging Seamen, &c.—*Continued.*

NOVA SCOTIA—*Continued.*

| Name of Port. | Name of County. | Name of Shipping Master. | For half-year ended June 30, 1904. | | | For half-year ended December 31, 1904. | | | Total Seamen Shipped. | Total Seamen Discharged. | Total Amount. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Seamen Shipped. | Seamen Discharged. | Amount. | Seamen Shipped. | Seamen Discharged. | Amount. | | | |
| | | | | | $ cts. | | | $ cts. | | | $ cts. |
| Hantsport | Hants | Collector of Customs | | | | | | | | | |
| Harbour au Bouche | Antigonish | " " | | | | | | | | | |
| Harbourville | King's | " " | | | | | | | | | |
| Isaac's Harbour | Guysboro' | " " | | | | | | | | | |
| Jordan Bay | Shelburne | M. D. McKenzie | | | | | | | | | |
| Lingan | Cape Breton | *Mathew Roche* | | | | | | | | | |
| Liscomb | Guysboro' | Collector of Customs | | | | | | | | | |
| Little Bras d'Or | Cape Breton | " " | | | | | | | | | |
| Little Glace Bay | " | *John Joseph Campbell* | | | | | | | | | |
| Liverpool | Queen's | *I. J. V. Dexter* | | | | | | | | | |
| Lockeport | Shelburne | Collector of Customs | | | | | | | | | |
| Londonderry | Colchester | " " | | | | | | | | | |
| Louisburg | Cape Breton | *Wm. Lewis* | | | | | | | | | |
| Lunenburg | Lunenburg | *Alfred Heisler* | | | | | | | | | |
| Mahone Bay | " | Collector of Customs | | | | | | | | | |
| Main à Dieu | Cape Breton | " " | | | | | | | | | |
| Maitland | Hants | " " | | | | | | | | | |
| Margaree | Inverness | " " | | | | | | | | | |
| Margaretsville | Annapolis | " " | | | | | | | | | |
| Merigomish | Pictou | " " | | | | | | | | | |
| Meteghan | Digby | " " | | | | | | | | | |
| Mulgrave | Guysboro' | " " | | | | | | | | | |
| North-East Harbour | Shelburne | " " | | | | | | | | | |
| North Sidney | Cape Breton | *Malcolm J. Ross* | | | | | | | | | |
| Parrsboro' | Cumberland | *D. K. Holmes* | | | | | | | | | |
| Pictou | Pictou | *John Waters* | | | | | | | | | |
| Port Gilbert | Digby | Collector of Customs | | | | | | | | | |
| Port Greville | Cumberland | " " | | | | | | | | | |
| Port Hawkesbury | Inverness | *James McLean* | | | | | | | | | |
| Port Hood | " | Collector of Customs | | | | | | | | | |
| Port la Tour | Shelburne | " " | | | | | | | | | |
| Port Lorne | Annapolis | " " | | | | | | | | | |
| Port Medway | Queen's | " " | | | | | | | | | |
| Port Morien | Cape Breton | " " | | | | | | | | | |
| Port Williams | King's | " " | | | | | | | | | |
| Pubnico | Yarmouth | " " | | | | | | | | | |
| Pugwash | Cumberland | " " | | | | | | | | | |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ritcey's Cove | Lunenburg | Collector of Customs | | | | | | | | | |
| River Hébert | Cumberland | " " | | | | | | | | | |
| St. Ann's | Victoria | " " | | | | | | | | | |
| St. Peter's | Richmond | " " | | | | | | | | | |
| Salmon River | Digby | " " | | | | | | | | | |
| Sheet Harbour | Halifax | " " | | | | | | | | | |
| Shelburne | Shelburne | " " | | | | | | | | | |
| Sydney | Cape Breton | *James Rudderham* | | | | | | | | | |
| Sydney, Int. Pier | " | *Vincent Mullins* | | | | | | | | | |
| Thorne's Cove | Annapolis | Collector of Customs | | | | | | | | | |
| Truro | Colchester | " " | | | | | | | | | |
| Tatamagouche | " | " " | | | | | | | | | |
| Wallace | Cumberland | " " | | | | | | | | | |
| Walton | Hants | " " | | | | | | | | | |
| West Arichat | Richmond | *B. Poirier* | | | | | | | | | |
| Weymouth | Digby | Collector of Customs | | | | | | | | | |
| Windsor | Hants | " " | | | | | | | | | |
| Wolfville | King's | " " | | | | | | | | | |
| Yarmouth | Yarmouth | *L. N. Trefry* | | | | | | | | | |

## PRINCE EDWARD ISLAND.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Alberton | Prince | Collector of Customs | | | | | | | | | |
| Charlottetown | Queen's | *H. W. Mutch* | | | | | | | | | |
| Crapaud | Prince | Collector of Customs | | | | | | | | | |
| Georgetown | King's | " " | | | | | | | | | |
| Malpeque | Prince | " " | | | | | | | | | |
| Montague Bridge | King's | " " | | | | | | | | | |
| Murray Harbour | Queen's | " " | | | | | | | | | |
| Pinette | " | " " | | | | | | | | | |
| Port Hill | Prince | " " | | | | | | | | | |
| St. Peter's Bay | King's | " " | | | | | | | | | |
| Souris | " | " " | | | | | | | | | |
| Summerside | " | *Jos. Reed* | | | | | | | | | |
| Tignish | Prince | Collector of Customs | | | | | | | | | |

## BRITISH COLUMBIA.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Abouset | Clayoquot | *G. R. McDougall* | | | | | | | | | |
| Clayoquot | " | *John Grice* | | | | | | | | | |
| Hesquait | Vancouver | *A. J. Brabant* | | | | | | | | | |
| Kynquot | Nanaimo | *W. J. Feker* | | | | | | | | | |
| Masset Inlet | Queen Charl'te I'd. | *Charles Harrison* | | | | | | | | | |
| New Westminster | New Westminster | Collector of Customs | | | | | | | | | |
| Ucluclet | Barclay Sound | *Geo. Fraser* | | | | | | | | | |
| Vancouver | New Westminster | *G. McPhaiden* | | | | | | | | | |
| Victoria | Victoria | *H. G. Lewis* | | | | | | | | | |

B'D. MAR 3 1914